

# TANDY ELECTRONICS

**REALISTIC®**

A new "everything system"  
with digital computer  
technology

When you operate your own factories, you really make sweet music. Take our new STA-2250 receiver; its tuner has no dial, pointer or knob; instead, you get your choice of 16 favourite stations stored in pushbutton memory, or FM-AM auto-scanning, all with true digital precision. Add two Optimus-25 speakers, a new LAB-420 direct-drive turntable with cartridge and dust cover, the SCT-19 cassette deck and PRO-20 headphones. Then — surprise? — subtract \$177.70 off the "each" price.

Regular Separate Items 1576.70	Pay only <b>\$1399</b> for everything
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1981 CATALOGUE

- Store Addresses Page 75
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- Catalogue No. 156

## Drives ahead of its time, today!

A brilliant and complete sound system for your vehicle. Featuring the new AM/FM stereo and cassette player incorporating LED station frequency and time display; a real innovation for automobile sound gear. 12-1889. Plus a pair of our famous 3-way hi-fi system speakers. 12-1854. Another surprise — subtract \$60.90 off the "each" price

Regular Separate Items 359.90	Pay only <b>\$299</b> for everything
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# 3-in-1 Systems: For Full Stereo Listening



**3-in-1  
Combo System**

**SAVE \$20**

- Realistic Clarinette-98 System
- Two Realistic Minimus-9 Floor Speakers

Regular Separate  
Item Price  
**499.85**

**479<sup>85</sup>**

**Deluxe Combo  
Record Your Own  
Stereo Cassettes**

**399<sup>95</sup>**

- Includes hinged  
dust cover



- Dual Lighted VU Meters and  
Recording Level Controls

- Bass and Treble Controls
- 2-Speed Turntable

**Realistic Clarinette-98A.** Cassette recorder/player has pushbuttons for all functions, digital tape counter and Auto-Stop. Turntable plays 33 $\frac{1}{3}$  and 45 RPM records and has a diamond sapphire stylus. Tuner has FM stereo light. AFC on FM built-in antennas. Input for external 300-ohm FM antenna. Stereo headphone and mike jacks.

**13-1198A ..... 399.95**

## Realistic Component Hi-Fi Quality Compact



**799<sup>95</sup>**

- 40 watts RMS (20x20) Amplifier
- Belt Drive Semi-Automatic turntable  
with magnetic cartridge
- Front Load Dolby Cassette Deck
- AM/FM/Stereo Tuner with tuning meter

**Realistic Clarinette-600** is our finest compact stereo system. The amplifier section has plenty of power to drive any speakers in our line. The FM tuner has an easy-to-read slide-rule dial, tuning meter, a stereo beacon, and automatic frequency control. Incorporated in the Cassette Deck is Dolby<sup>®</sup> Noise Reduction System to reduce hiss and tape head noise for quality recordings. The turntable is belt driven, 45-33 $\frac{1}{3}$  speed selector, counter balanced tone arm, damped cueing control anti-skating compensation, diecast aluminium alloy platter and high quality magnetic cartridge. Genuine walnut veneer cabinet, hinged dust cover. **13-9140 ..... 799.95**

\*Dolby<sup>®</sup> is a registered trademark of Dolby Laboratories, Inc.



**Clarinette-600 With  
MC-2001 Speakers**

Regular Separate  
Item Price  
**1039.85**

**SAVE 140<sup>85</sup>**

**899**

- Realistic Clarinette-600 3-in-1 combo 13-9140
- Two MC-2001 high efficiency speakers 40-1987



# Tandy is More Than Just 7700 Stores! It's Also 25,000 Skilled and Dedicated People Working in Over 40 Countries Around the World!



Three years ago we introduced our TRS-80 personal computer, becoming the first company to mass produce computers. Today we're the acknowledged market leader.

Engineering staffs in the USA and Japan make sure our brands can boast the latest advances in electronics — keeping quality high and production costs down. We're always updating to make our products even better.

We own and operate 21 factories in 5 countries, including 17 in the USA and others in Canada, Japan, South Korea and Taiwan. That's over one million square feet of factory space.

We know you want equipment that works, not "bargains" that break down when you get them home. That's why we have 8 experienced engineers dedicated solely to maintaining very high quality standards.



guarantees are meaningful — service and parts available through our stores in 40 countries. In addition, we have 156 company-operated repair and computer service centers.

Our products are custom-made by or for Tandy and no one else. Choose our own national brands and be assured of outstanding product life on everything you buy.

Because our full-time salespeople deal only in our brands, they really know the products and can answer questions intelligently. You'll get no double-talk.

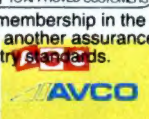
We've earned a reputation for quality, reliability — over 25,000,000 active customers prove it. **USE YOUR CREDIT CARD TO BUY NOW, PAY LATER.** Bankcard, Visa, Mastercharge are honoured at most Tandy locations. AGC and AVCO finance may be available to approved customers at individual stores.



**EIA MEMBER.** Our membership in the Electronics Industry Association is another assurance that our products meet high industry standards.



FINANCE AVAILABLE TO APPROVED CUSTOMERS



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# Low-Profile Receiver with Digital Frequency Display! Auto-Magic® Tuning Locks FM Stations On-Frequency



**NEW  
FOR '81**

**449<sup>95</sup>**

- 4-Digit Display Shows Exact FM and AM Frequencies
- 5-Level AM/FM Signal Strength Indicators
- FM Muting for Noise-Free Tuning • PLL FM

**Realistic STA-720.** We've replaced the mechanical tuning dial with an LED display and an accurate electronic counter. You can see the exact station frequency from across a room. Exclusive Auto-Magic® fine-tunes FM stations for you and locks them on-frequency for cleanest sound — automatically. Phase-locked loop multiplex (PLL) assures full FM stereo channel separation. The phono preamp features a new IC that lowers distortion while maintaining proper RIAA equalization for superb sound from your LP's. High-level audio stages are direct-coupled for clean and powerful bass. Other luxury "touches" are 10 "thin-line" pushbutton controls, 5 LED mode indicators, full tape monitoring circuitry, detented bass and treble controls and a 40-detent volume control. Amplifier is fully protected against overheating and overloading. Looks great, sounds great!

31-1997 ..... 449.95

**25 watts  
per channel,  
minimum RMS  
into 8 ohms  
from 20-20,000 Hz,  
with no more  
than 0.05%  
total harmonic  
distortion**

**AMPLIFIER.** Response: 20-20,000 Hz  $\pm 1$  dB at 1 watt. Intermodulation Distortion: 0.03% at 20 watts. Signal-to-Noise: 81 dB phono, 92 dB aux. Phono Input Overload: 140 millivolts. **FM TUNER.** Sensitivity (IHF): 1.9 microvolts (10.8 dBf). Capture Ratio: 1.0 dB. Stereo Separation: 45 dB at 1 kHz. Stereo Harmonic Distortion: 0.3%. Signal-to-Noise: 70 dB. Image Rejection: 55 dB. Selectivity: 55 dB. **AM TUNER.** Sensitivity: 320 microvolts for 20 dB S+N/N. Image Rejection: 48 dB. **EXTERNAL CONNECTIONS.** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphone jack, mag. phono, aux, tape in/out, AC outlet, phono ground. **SIZE:** 7.9x42x31 cm.

**GOOD**

**SAVE  
70<sup>80</sup>**

Regular Separate  
Item Price  
719.80

**649**

**BETTER**

**SAVE  
80<sup>80</sup>**

Regular Separate  
Item Price  
769.80

**689**



- Realistic STA-720 AM/FM Stereo Receiver 31-1997
- Two MC-1200 Walnut Veneer Speakers 40-1984
- LAB-1600 feature packed turntable 42-9585

**BEST**

**SAVE  
90<sup>80</sup>**

Regular Separate  
Item Price  
919.80

**829**



- Realistic STA-720 AM/FM Stereo Receiver 31-1997
- Two Minimus-11 Silver cast aluminium speakers 40-2035
- LAB-390 turntable with base, dust cover and magnetic cartridge 42-2967



- Realistic STA-720 AM/FM Stereo Receiver 31-1997
- Two Minimus-7 silver speakers 40-2034
- LAB-53 Changer with base, dust cover and magnetic cartridge 42-9584



# New! All-Digital Receiver Computerized! Quartz-Locked! 16-Station Memory!

50 watts  
per channel,  
minimum RMS  
into 8 ohms  
from 20-20,000 Hz,  
with no more  
than 0.02%  
total harmonic  
distortion

**AMPLIFIER.** Response: 20-20,000 Hz  $\pm 0$  dB. Signal-to-Noise: 85 dB phono, 90 dB aux. Phono Input Overload: 170 millivolts. **FM TUNER.** Sensitivity (IHF): 2 microvolts (11.3 dBf). Capture Ratio: 1.5 dB. Stereo Separation: 48 dB. Stereo Harmonic Distortion: 0.3%. Mono Harmonic Distortion: 0.2%. Signal-to-Noise Ratio: 67 dB at 1 millivolt. **AM TUNER.** Image Rejection: 45 dB. **EXTERNAL CONNECTIONS.** AM and 75/300 ohm FM antenna. A and B speaker pairs, headphone jack, mag phono, aux, phono-type and DIN jacks for Tape-1, 2 in/out, AC outlet, phono ground. **SIZE:** 13x49x35 cm.



Genuine Walnut  
Veneer Case

**599<sup>95</sup>**

- Memory "Sensor-Buttons" Store 8 FM, 3 AM Stations
- 6-Level LED AM/FM Signal Strength Indicator
- Dual-Gate MOSFET FM Tuner • Full-Feature Preamp

**Realistic STA-2250.** Computerized tuning convenience and accuracy plus a very versatile control section — at a breakthrough price. Touch a button and scan up or down the bands, automatically or manually, stopping perfectly tuned at each station — with its frequency displayed on big, bright LEDs. Store any 16 stations in the memory for instant recall. FM muting blanks out all tuning noise, and a Hi-MPX filter cleans up weak stereo signals. The preamp has hi and low filters to remove record scratch and rumble, up-front tape monitoring and dubbing controls, 11-detent bass, midrange and treble controls, 40-detent concentric volume/balance controls, stereo/mono pushbutton — and more! Fully protected against overheating and overloading. 31-2095... 599.95

**SAVE  
110<sup>80</sup>**

Regular Separate  
Item Price  
1159.80

**1049**

- Realistic STA-2250 AM/FM Stereo Receiver 31-2095
- Two Optimus T-70 Walnut-Veneer "Tower" Speakers 40-2023
- LAB-1600 Changer with Base, Dust Cover, Magnetic Cartridge 42-9585



- Realistic STA-2250 AM/FM Stereo Receiver 31-2095
- Two Optimus-25 Walnut Veneer Speakers 40-2027
- LAB-420 Direct Drive Turntable 42-2975

**Save On a Complete System**

**SAVE  
130<sup>80</sup>**

Regular Separate  
Item Price  
1309.80

**1179**



Realistic — The Gold in Australia, USA, Canada



# Small is Beautiful! The Famous Low-Profile STA-7, Surprising Sound from a Bantam-Sized Receiver



**Jet-Black Metal Case  
is Just 8.8cm High!**

**10 watts per channel,  
minimum RMS into 8 ohms  
from 20-20,000 Hz, with  
no more than 0.4%  
total harmonic distortion**

**279<sup>95</sup>**

- Superb Hi-Fi That Fits the Smallest Spaces
- "EQ" Circuit for Deep Bass from Mini-Speakers
- Tape Monitor • Loudness Button • Blackout Dial

**Realistic STA-7.** Stands only slightly higher than a credit card, yet you get advanced circuitry, responsive controls, and big features. FET-FM/phase-locked loop multiplex for superior stereo reception, mag input for using the best phono cartridges, A and B speaker switching, stereo/mono button, detented boost-and-cut bass and treble controls, weighted flywheel for tuning ease, and more. A lot in a little! **31-1968** ..... **279.95**

**The "EQ" Story.** The STA-7 features a remarkable circuit that tailors its response to provide uniform energy output at all frequencies from Minimus-7 and other "mini" speakers!



**Rear-Panel  
EQ Switch**

**AMPLIFIER.** Frequency Response: 15-30,000 Hz  $\pm$  2 dB. Signal-to-Noise Ratio: 60 dB (phono); 65 dB (aux). Phono Input Overload: 100 mV. Frequency Equalization Response for "System" Mode: +6.5 dB at 100 Hz. **FM TUNER.** Sensitivity (IHF): 2.4 microvolts (14.2 dBf). Capture Ratio: 3 dB. Selectivity: 45 dB. Stereo Separation: 34 dB at 1 kHz. Total Harmonic Distortion: 0.6% stereo, 0.5% mono. S/N Ratio: 60 dB. **AM TUNER.** Sensitivity: 200 microvolts/meter for 20 dB S/N. Image Rejection: 45 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speaker pairs, head-phone jack, tape-in/out, mag. phono, aux. AC outlet, phono ground. **SIZE:** 8.8x42x29 cm.

## Save When You Buy a Complete System Featuring the STA-7

### System Seven



**SAVE  
\$40<sup>85</sup>**

Reg. Separate  
Items **399.85**

**359**

- STA-7 AM/FM Stereo Receiver
- Two Minimus-7 Cast-Aluminum 2-Way Speaker Systems

### System Seven/Eleven



**SAVE  
\$50<sup>85</sup>**

Reg. Separate  
Items **479.85**

**429**

- STA-7 AM/FM Stereo Receiver
- Two Minimus-11 Cast-Aluminum 2-Way Speaker Systems

### System Seven "Plus"



**SAVE  
\$55<sup>80</sup>**

Reg. Separate  
Items **549.80**

**494**

- STA-7 AM/FM Stereo Receiver
- Two Minimus-7 Speakers
- LAB-53 Changer with Base Cover, Magnetic Cartridge

### System Seven/Eleven "Plus"



**SAVE  
\$60<sup>80</sup>**

Reg. Separate  
Items **659.80**

**599**

- STA-7 AM/FM Stereo Receiver
- Two Minimus-11 Speakers
- LAB-1600 Belt Drive Turntable Cover, Magnetic Cartridge

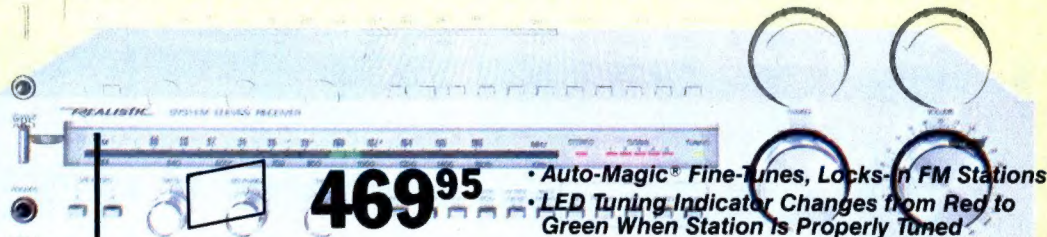


# The Sleek STA-11, a Unique Low-Profile Receiver With Ample Power for Clean Sound at High Levels

**Stylish 8.2cm High Brushed Champagne-Silver Case**

30 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion

**AMPLIFIER.** Frequency Response: 30-20,000 Hz  $\pm 1$  dB. Signal-to-Noise Ratio: 89 dB (phono); 90 dB (aux). Phono Input Overload: 170 millivolts. **FM TUNER.** Sensitivity (IHF): 1.7 microvolts (9.8 dBf). Capture Ratio: 1.0 dB. Selectivity: 70 dB. Stereo Separation: 45 dB at 1 kHz. Total Harmonic Distortion: 0.3% stereo, 0.1% mono. Signal-to-Noise Ratio: 70 dB. **AM TUNER.** Sensitivity: 250 microvolts/meter for 20 dB S/N. Image Rejection: 40 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, mag phono, aux, tape in/out, A and B speaker pairs, headphone jack, AC convenience outlet, phono ground. **SIZE:** 8.2x45x36 cm.



**469<sup>95</sup>**

- Auto-Magic® Fine-Tunes, Locks-in FM Stations
- LED Tuning Indicator Changes from Red to Green When Station is Properly Tuned

**Realistic STA-11.** The power and specs once found only in components twice the size! Phase-locked loop FM multiplex for wide stereo separation, FM muting, Hi-MPX filter, detented bass, treble and midrange controls, 40-detent volume control with concentric balance control, tape monitoring facilities, 5-level AM/FM LED signal strength indicators, fluid-feel counterweighted tuning, and more. The look, feel and sound of a precision receiver!

31-1999 ..... **469.95**

Rear-Panel EQ Switch

**The "EQ" Story.** Like STA-7, STA-11 features a circuit that tailors its response to "mini" speakers, giving uniform output at all frequencies for outstanding musical reproduction!

## Make the STA-11 the "Heart" of a Great System and Save

### System Eleven/Seven

**SAVE**  
**\$60<sup>85</sup>**

Reg. Separate Items **589.85**  
**529**

- STA-11 AM/FM Stereo Receiver
- Two Minimus-7 Silver Cast-Aluminum 2-Way Speakers

### System Eleven

**SAVE**  
**\$70<sup>85</sup>**

Regular Separate Items **669.85**  
**599**

- STA-11 AM/FM Stereo Receiver
- Two Minimus-11 Silver Cast-Aluminum 2-Way Speakers

### System Eleven/Seven "Plus"

**SAVE**  
**\$80<sup>80</sup>**

Reg. Separate Items **769.80**  
**689**

- STA-11 AM/FM Stereo Receiver
- Two Minimus-7 Silver Speakers
- LAB-1600 Belt Drive Turntable with Base, Cover, Magnetic Cartridge

### System Eleven "Plus"

**SAVE**  
**\$100<sup>80</sup>**

Reg. Separate Items **899.80**  
**799**

- STA-11 AM/FM Stereo Receiver
- Two Minimus-11 Silver Speakers
- LAB-270 Turntable with Base, Cover, Magnetic Cartridge

Protect Your Records With Realistic Accessories



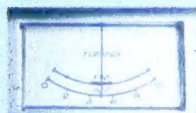
# Rave-Reviewed, High Powered Realistic® STA-2000 The Heart of a Great Stereo System



75 watts per channel, minimum  
RMS at 8 ohms from 20-20,000 Hz,  
with no more than 0.25%  
total harmonic distortion



Dual calibrated power meters show actual  
output to speakers. Help you check speaker  
efficiency and prevent speaker damage.



Dual-function meter:  
AM signal strength,  
FM centre-channel



Massive power trans-  
former. Heavily heat-  
sunk output devices.



2-way tape  
monitoring  
and dubbing



Main-in, pre-out  
jacks for use  
with equalizer



Attenuator  
instantly cuts  
volume 20 dB

- Dual-Gate MOSFET FM •Phase-Locked Loop FM
- 3 IF Filters •Hi Multiplex Filter •2 Aux Inputs
- FM Muting •Loudness •Dual Concentric Bass  
and Treble •75 and 300 Ohm FM Inputs
- High Overload, Low-Noise Phono Preamp •Tuned  
AM-RF Stage •Includes Custom Walnut Veneer  
Side Panels

## 669<sup>95</sup>

**Realistic STA-2000.** Designed and manufactured in our own factory to deliver perfectionist quality at an unbeatable price. With 75-low-distortion watts on each direct-coupled channel, the most demanding music stays undistorted even at live-performance listening levels. Ultra-stable and dependable IC's are in the FM IF detector and PLL sections. Audiophile controls provide wide system flexibility and customized sound. Eleven-step Baxandall-type bass and treble controls with "tone-flat" positions for the purist. Pushbutton multiplex, filter cleans up high-frequency noise on weak FM stereo signals, without eliminating the stereo effect. Mono/stereo switch for even weaker FM signals. Complete taping and dubbing facilities for two decks, with long throw switches and both DIN and phono-type in/out jacks for hookup to any equipment. Massive fly-wheel tuning knob, with switchable muting to eliminate interstation hiss. Main/remote speaker switching. Built-in protection against thermal problems, speaker over-driving or shorting and switching transients. Plus fine styling that makes people notice the STA-2000 even before you turn it on! **31-2075** ..... **669.95**

### Specifications

**AMPLIFIER:** Power Output at 8 Ohms: 75 watts per channel, minimum RMS from 20-20,000 Hz, with no more than 0.25% total harmonic distortion. **Frequency Response:** 15-25,000 Hz  $\pm 2$  dB at 5 watts. **Intermodulation Distortion:** 0.1% at 50 watts. **Signal-to-Noise Ratio:** 70 dB (phono); 75 dB (aux) **Phono Input Overload:** 230 mV. **FM TUNER.** Sensitivity (IHF): 1.7  $\mu$ V. Capture Ratio: 1.5 dB at 1 kHz. **Alternate Channel Rejection:** 75 dB. **RF Interference Rejection:** Rated Excellent. **Stereo Separation:** 48 dB at 1 kHz. **Total Harmonic Distortion:** 0.15% stereo; 0.10% mono. **Signal-to-Noise Ratio:** 70 dB. **AM TUNER.** Sensitivity: 200  $\mu$ V for 20 dB S + N/N. **Image Rejection:** 60 dB. **Signal-to-Noise Ratio:** 45 dB. **POWER REQUIREMENT:** 240 VAC, 50 Hz. **SIZE:** 16x49x42cm



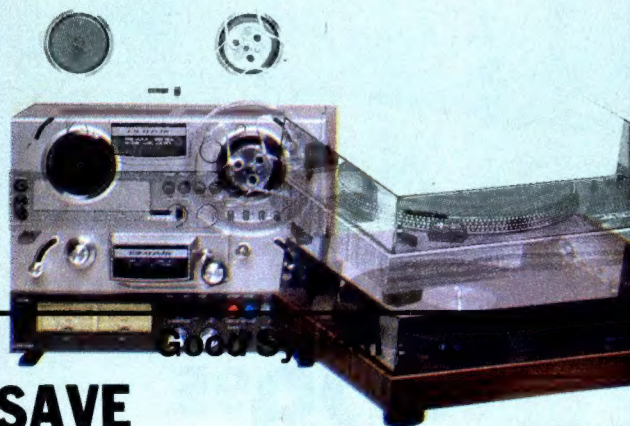
# Tandy's "Everything" System

**SAVE**  
**\$230<sup>70</sup>**

Regular Separate  
Item Price  
2429.70

**2199**

- Realistic STA-2000 Stereo Receiver 31-2075
- Two Optimus T-200 walnut veneer floor speakers 40-2029
- Realistic LAB-420 direct drive turntable 42-2975
- Realistic ten band frequency equalizer 31-2000
- Realistic TR-3000 Reel-to-Reel — feature packed tape deck 14-700



**SAVE**  
**\$130<sup>80</sup>**

Regular Separate  
Item Price  
1339.80



- Realistic STA-2000 Stereo Receiver 31-2075
- Two Optimus T-100 Walnut Veneer Floor Speakers 40-2029
- Realistic LAB-270 belt-drive turntable 42-2963

**SAVE**  
**\$150<sup>80</sup>**

Regular Separate  
Item Price  
1539.80

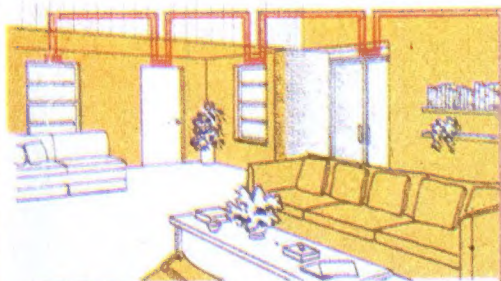


- Realistic STA-2000 Stereo Receiver 31-2075
- Two Mach I Floor Speakers 40-4024
- Realistic LAB390 turntable with base, dust cover and magnetic cartridge 42-2967

For Best Results, Use Tandy's Own Tape



# Wired Alarms and Accessories from Tandy



The system creates a protective loop that is constantly supervised. Forced entry at any protected point is instantly sensed, the circuit is broken and instantly sounds the alarm. Any attempt to cut the wire will also trigger the alarm. Complete and easy instructions inside.

## A Complete Home Burglar Alarm System

**149<sup>95</sup>** Ready to Install, Complete Burglary Protection System

- Perfect Project for Do-It-Yourselfers
- "Panic" Switch for Instant Alarm in Emergency

You get it all! Four SPST magnetic switches for doors and windows, loud 20cm dia. alarm bell with built-in timer, master control box of heavy gauge steel with an anti-tamper switch. Also includes 30m of wire, remote on-off switch and key lock, 2 keys, 2 warning decals, mounting hardware, instructions. 32x24x13 cm. Extra switches and foil may be added. Requires 12V battery, below. 49-474 ..... 149.95  
Heavy-Duty Battery for above. 23-007 ..... 8.99

## Accessories to Expand Your New or Existing Alarm System

20 cm  
Underdome  
Alarm Bell

**29<sup>95</sup>**



Heavy-duty design for signaling or alarm systems in homes, schools or even factories. For 12VDC.

49-498 ..... 29.95

Electronic Whooper™  
Siren

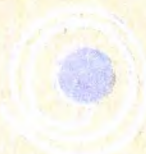
**39<sup>95</sup>**



Emits a loud "rise-fall" sound. 6/12VDC. Weatherproof spun aluminum. Swivel base. With hardware. 49-488 ..... 39.95

Vibration-Detecting  
Window Sensor

**12<sup>95</sup>**



Excessive glass vibration triggers open or closed-circuit alarms. With adhesive backing.

49-516 ..... 12.95

Window Foil & Block  
Connectors



**A** Metallic Foil. Connects to alarm, activates it when glass is broken. Self adhesive 36m x .95 cm roll. 49-502 ..... 5.99

**B** Connectors. Self adhesive. 49-504 ..... Pkg. of 6/2.99

Warning Decals



**1<sup>39</sup>**

Vinyl, adhesive decal tells everyone you're protected by a Radio Shack security system. Mount inside on glass. 49-507 ..... Pkg. of 6/1.39

Panic Switch

**1<sup>99</sup>**



Pushbutton instantly activates alarm system in an emergency. For normally open circuits. Contacts close when button is pushed. 49-517 ..... 1.99

Magnet Switches  
and Spacers

**A**

Contacts close when magnet engages. 49-495 ..... 3.99

**A** Contacts open when magnet engages. 49-512 ..... 4.99

**B** Spacers. Use with above on metal doors or uneven surfaces. 49-519 ..... Pkg. 6/1.99

**B**

Contact Switch

For Windows,  
Door Frames

**2<sup>29</sup>**



SPST contacts close when plunger is depressed. With screw terminals and mounting hardware. 49-513 ..... 2.29

SPST Lock  
Switch

**5<sup>99</sup>**



Spring-loaded cover, screw terminals. With 2 keys. Contacts rated to 3 amps. 49-515 ..... 5.99

SPST Lock  
Switch

**12<sup>95</sup>**



High-security round style key and lock switch. Key removes in "on" or "off" position. With 2 keys. 3 amps. 49-511 ..... 12.95

Key Lock  
Cover

**2<sup>19</sup>**



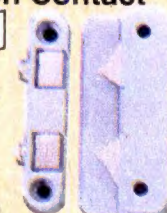
Protective die-cast cover, spring-loaded hinge, rubber sealed gasket. 49-514 ..... 2.19

Window Foil/  
Vibration Contact

**4<sup>99</sup>**

NEW  
FOR \$1

Mount half on window or door; other half on frame. Allows you to open doors and windows. 49-518 ..... 4.99





# Realistic Value at a Sound Price!

## Best System

**SAVE**  
**\$120<sup>80</sup>**

Regular Separate  
Item Price  
1239.80

**1119**

- Realistic STA-95 Stereo Receiver 31-2082
- Two Optimus-25 walnut veneer speakers 40-2027
- Realistic LAB-420 direct-drive turntable 42-2975



## Good System

**SAVE**  
**\$100<sup>80</sup>**

Regular Separate  
Item Price  
999.80

**899**



- Realistic STA-95 Stereo Receiver 31-2082
- Two MC-2001 Walnut veneer speakers 40-1987
- Realistic LAB-270 belt-drive turntable 42-2965

## Better System

**SAVE**  
**\$110<sup>80</sup>**

Regular Separate  
Item Price  
1139.80

**1029**



- Realistic STA-95 Stereo Receiver 31-2082
- Two Nova-10 walnut veneer speakers 40-4028
- Realistic LAB-390 turntable with base, dust cover and magnetic cartridge 42-2967



# AM/FM Stereo with Built-in Dolby\* NR Cassette Deck



- Dolby System Expands Dynamic Range, Cuts Noise on Tape and FM
- Dual-Function Record-Level Tuning Meters
- FET FM for Best Reception

Genuine Walnut Veneer Case

**529<sup>95</sup>**

**Realistic SCR-1800.** Everything for the "heart" of a great sounding hi-fi system. This sophisticated receiver has an FET-FM tuning with PLL (phase locked loop) multiplex circuit to pull in even the distant stations, microphone input jacks or auxiliary input jacks. Separate 2-stage bias and equalization switches allow optimum results with all tape formulations. The cassette deck section features full Auto-Stop shut-off and low wow and flutter (0.09% WRMS).

31-1966 ..... **529.95**

**16 watts per channel, minimum RMS at 8 ohms from 20-20,000 Hz, with no more than 0.3% total harmonic distortion**

## Specifications

**AMPLIFIER.** Frequency Response: 15-25,000 Hz. Signal-to-Noise Ratio: 65 dB phono, 68 dB aux. Phono Input Overload: 110 mV. **FM TUNER.** Sensitivity (IHF): 2.5 microvolts (13.2 dBf). Capture Ratio: 2 dB. Alternate Channel Selectivity: 65 dB. Stereo Separation: 38 dB at 1 kHz. Total Harmonic Distortion: 0.8% stereo 0.5% mono. **Signal-to-Noise Ratio:** 65 dB. **AM TUNER.** Sensitivity: 200 microvolts for 20 dB S+N/N. Image Rejection: 45 dB. **Tape Response:** 40-12,000 Hz (with CrO2). **Wow and Flutter:** 0.09% (WRMS). **Signal-to-Noise Ratio:** 60 dB (CCIR). **EXTERNAL CONNECTIONS.** Headphone jack, AM antenna, 75 or 300-ohm FM antenna, A and B speaker pairs, L and R microphones, aux in/record-out DIN jack, record out, aux in mag phono, ground. **SIZE:** 16x54x35 cm.

## GOOD SYSTEM

**SAVE \$80<sup>80</sup>**

Regular Separate Item Price  
**849.80**

**769**

## BETTER SYSTEM

**SAVE \$100<sup>80</sup>**

Regular Separate Item Price  
**999.80**

**899**

## BEST SYSTEM

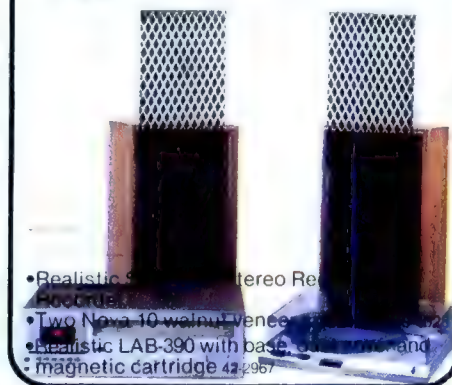
**SAVE \$110<sup>80</sup>**

Regular Separate Item Price  
**1139.80**

**1029**



- Realistic SCR-1800 Stereo Receiver/Recorder 31-1966
- Two MC-2001 walnut veneer floor/shelf speakers 40-1984
- Realistic LAB-270 belt drive turntable with base, dust cover and magnetic cartridge 42-2967



- Realistic SCR-1800 Stereo Receiver/Recorder 31-1966
- Two Nova-10 walnut veneer floor/shelf speakers 40-1984
- Realistic LAB-390 turntable with base, dust cover and magnetic cartridge 42-2967

- Realistic SCR-1800 Stereo Receiver/Recorder 31-1966
- Two MC-1200 walnut veneer floor/shelf speakers 40-1984
- Realistic LAB-1600 turntable with base, dust cover and magnetic cartridge 42-9585



# The Look, Sound and Features of a Luxury Receiver! Two Magnetic Inputs for Using Two Turntables

**\*40 watts  
per channel,  
minimum RMS  
into 8 ohms  
from 20-20,000 Hz,  
with no more  
than 0.06%  
total harmonic  
distortion**

**AMPLIFIER.** Response @ 1 watt: 20-20,000 Hz. Signal-to-Noise Ratio: 63 dB phono, 75 dB aux and tape. Phono Input Overload: 180 mV. **FM TUNER.** Sensitivity (IHF): 1.9  $\mu$ V (10.8 dBf). Capture Ratio: 1.5 dB. Alternate Channel Selectivity: 60 dB. Stereo Separation: 48 dB @ 1 kHz. THD: 0.1 (mono), 0.5% (stereo). S/N Ratio: 65 dB (1 mV). **EXTERNAL CONNECTIONS:** AM and 75/300 ohm FM antennas, A and B speaker pairs, headphones, 2 mag phono, aux, tape in/out DIN jack, dub out, tape out, tape in, AC, ground. **SIZE:** 47x35x16 cm.



- *Wide-Dynamic-Range Preamplifier*
- *40-Position Detented Volume Control*
- *Dual Illuminated Tuning Meters*

Walnut Vinyl  
Veneer Case

**499<sup>95</sup>**

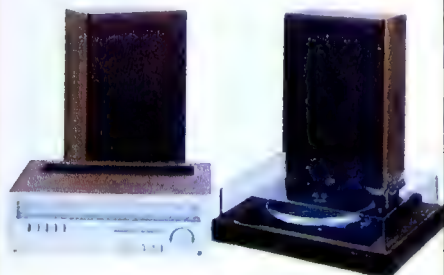
**Realistic STA-820.** With 80 watts\* of clean music power, the "820" will drive two pairs of speakers to room-filling volume. In its preamplifier are recently developed OP Amp integrated circuits which assure low noise, wide dynamic range and distortion-free listening. Special automatic circuitry eliminates "thumps" as you switch inputs and selectable-FM muting even takes the annoying "hiss" out of tuning FM. Tape monitor button and facilities for recording with two stereo decks. Clean styling with brushed aluminum panel outside—overload-protected amp and hi-tech FET tuner inside! **31-2087 ..... 499.95**

## GOOD SYSTEM

**SAVE  
\$80<sup>80</sup>**

Regular Separate  
Item Price  
**859.80**

**779**



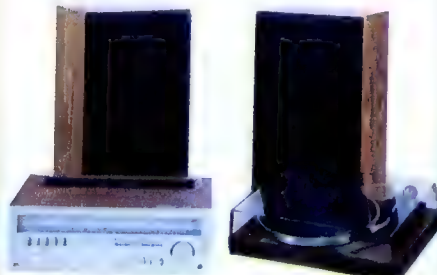
- Realistic STA-820 Stereo Receiver 31-2087
- Two MC 1400 walnut veneer speakers 40-1985
- Realistic LAB-1600 full featured semi-automatic stereo turntable 42-9585

## BETTER SYSTEM

**SAVE  
\$90<sup>80</sup>**

Regular Separate  
Item Price  
**969.80**

**879**



- Realistic STA-820 Stereo Receiver 31-2087
- Two MC-2001 walnut veneer speakers 40-1987
- Realistic LAB-270 belt drive turntable 42-2965

## BEST SYSTEM

**SAVE  
\$110<sup>80</sup>**

Regular Separate  
Item Price  
**1229.80**

**1119**



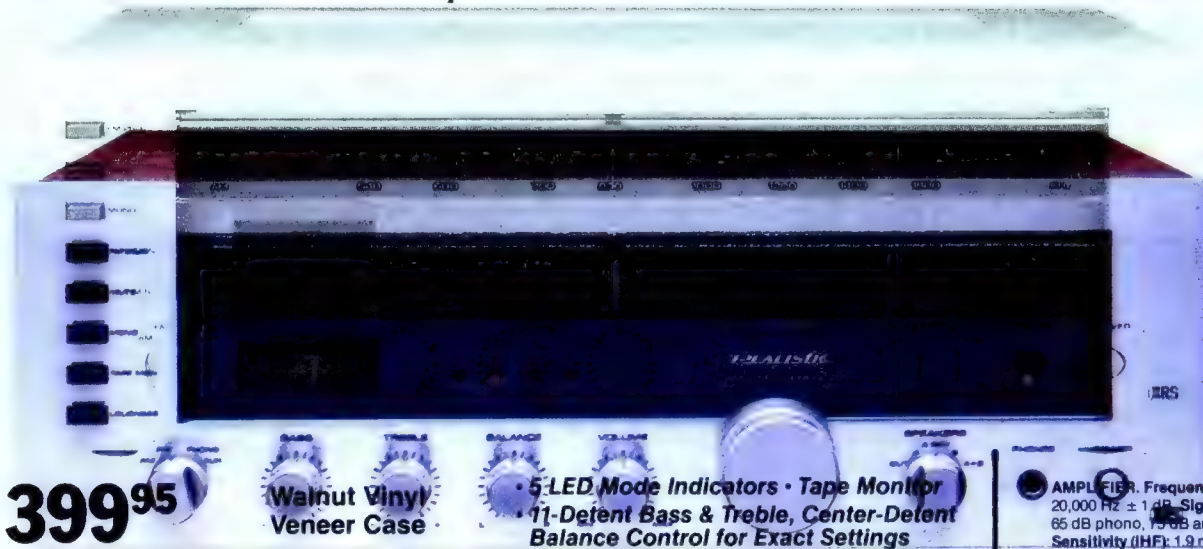
- Realistic STA-820 Stereo Receiver 31-2087
- Two Optimus-10 walnut veneer speakers 40-2028
- Realistic LAB-420 direct drive turntable 42-2975

Tandy Electronics Guarantees Every Purchase



# The Heart of a Great System at a Low Realistic Price

## PLL and FET FM, Extra Features for "Room to Grow"



**NEW FOR '81**  
22 watts  
per channel,  
minimum RMS  
into 8 ohms  
from 20-20,000 Hz,  
with no more  
than 0.1%  
total harmonic  
distortion

**399<sup>95</sup>**

Walnut Vinyl  
Veneer Case

• 5 LED Mode Indicators • Tape Monitor  
• 11-Defeat Bass & Treble, Center-Defeat  
Balance Control for Exact Settings

**Realistic STA-100.** Designed for beautiful sound and operating convenience. The wide dial, balanced flywheel control and lighted signal meter make it easy to tune for best AM and FM sound. FM muting silences tuning noise with the push of a button. You can listen with headphones only, main speakers only, remote speakers only, both pairs — or even reverse main speakers for perfect stereo imagery. There's also a loudness button, jacks for recording with two tape decks, a "hot" FM front end and phase-locked-loop multiplex for wide FM stereo channel separation. 31-2089 ..... 399.95

**AMPLIFIER.** Frequency Response: 20-20,000 Hz  $\pm$  1 dB. Signal-to-Noise Ratio: 65 dB phono, 75 dB aux. **FM TUNER.** Sensitivity (JHF): 1.9 microvolts. **Capture Ratio:** 1.5 dB. **Stereo Separation:** 45 dB at 1 kHz. **TWO:** 0.5% stereo, 0.1% mono. **S/N Ratio:** 65 dB. **EXTERNAL CONNECTIONS:** AM and 75/300 ohm FM antenna, A and B speaker pairs, headphone jack, mag. phono, aux, tape in/out, dub out, DIN-type tape in/out, unswitched AC, ground. **Size:** 16x44x29 cm.

### GOOD SYSTEM

**SAVE**  
**\$60<sup>80</sup>**

Regular Separate  
Item Price  
649.80

**589**



### BETTER SYSTEM

**SAVE**  
**\$70<sup>80</sup>**

Regular Separate  
Item Price  
759.80

**689**

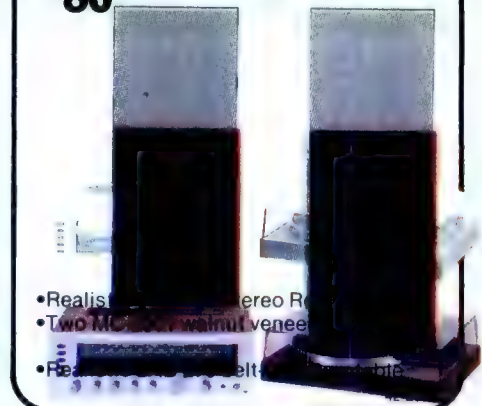


### BEST SYSTEM

**SAVE**  
**\$80<sup>80</sup>**

Regular Separate  
Item Price  
869.80

**789**



- Realistic STA-100 Stereo Receiver 31-2089
- Two MC-600 walnut veneer speakers 40-1979
- Realistic LAB-53 Changer with S-shaped tonearm 42-9584

Now Over 200 Friendly Stores and Dealers Nationwide — We're near you



# Expensive-Sounding Stereo That's Easy to Afford

## Tape Monitor • Magnetic Phono and Aux Inputs

**NEW  
FOR 81**

**16 watts  
per channel,  
minimum RMS  
into 8 ohms  
from 20-20,000 Hz,  
with no more  
than 0.2%  
total harmonic  
distortion**



**AMPLIFIER.** Frequency Response, 1-watt output: 15-25,000 Hz,  $\pm 2$  dB. **Signal-to-Noise Ratio:** 70 dB aux/tape, 65 dB phono. **FM TUNER.** Sensitivity (IHF): 2.5 microvolts (13.2 dBf). **Capture Ratio:** 2 dB. **Total Harmonic Distortion:** 0.5% mono, 0.8% stereo. **Image Rejection:** 55 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300-ohm FM antenna, A and B speaker pairs, headphone jack, mag. phono input, aux input, phono-type tape in/out, DIN-type tape in/out, unswitched AC outlet, phono ground. **SIZE:** 13x44x30 cm

- **Lighted Signal Meter for Accurate Tuning**
- **Wide Dial and Precision Flywheel Control**

**Walnut Vinyl  
Veneer Case**

**299<sup>95</sup>**

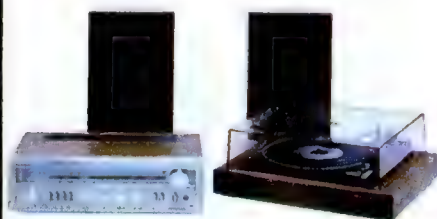
**Realistic STA-530.** Component versatility and great sound! Has a low-noise preamp and magnetic input so you can use the finest phono cartridges, aux inputs for external program sources like a ceramic cartridge changer, or TV sound. Tape monitor button lets you add a tape deck or equalizer, even use a 3-head deck and monitor tapes as they're recorded. Pushbutton loudness boosts high and low frequencies for full-range sound even at reduced volume. Also has pushbutton main/remote/both speaker selection, sensitive FET FM front end, wideband AM tuner and a brushed-aluminum front panel highlighted by bright, beveled controls. **31-2079** ..... **299.95**

### GOOD SYSTEM

**SAVE  
\$50<sup>80</sup>**

Regular Separate  
Item Price  
549.80

**499**



- Realistic STA-530 Stereo Receiver 31-2079
- Two MC-600 walnut veneer speakers. 40-1979
- Realistic LAB-53 Changer with S-shaped tonearm 42-9584

### BETTER SYSTEM

**SAVE  
\$55<sup>80</sup>**

Regular Separate  
Item Price  
619.80

**564**



- Realistic STA-530 Stereo Receiver 31-2079
- Two MC-1200 walnut veneer speakers 40-1984
- Realistic LAB-1600 full featured Semi-Automatic Stereo Turntable 42-9585

### BEST SYSTEM

**SAVE  
\$65<sup>80</sup>**

Regular Separate  
Item Price  
709.80

**644**



- Realistic STA-530 Stereo Receiver 31-2079
- Two MC-1400 walnut veneer speakers
- Realistic LAB-270 belt-drive turntable 42-2965

**Realistic STA Series  
Receivers Carry This  
Two-Year Warranty**

**And we service what we sell**

Realistic STA-Series receivers are warranted against defects for 2 years from date of purchase. Within this period, we will repair it without charge for parts and labour. Simply bring your sales slip as proof of purchase date to any Tandy Store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.



# Step Into Component Stereo at Low Cost! And Still Enjoy Clean Styling, True Hi-Fi Specs, 12 Controls



**259<sup>95</sup>**

Walnut Vinyl Veneer Case

- Lighted Tuning Meter • Tape Monitor
- Main/Remote/Both Speaker Switching
- Brushed Aluminum Front • PLL FM

**Realistic STA-430.** Impressive looks, quality construction and great sound are yours even in Realistic's lowest priced receiver. Features a wide lighted dial and signal meter for accurate tuning and pushbutton loudness that boosts bass and treble for best fidelity when you listen at low volume. Inside, a phase-locked loop IC assures wide FM stereo channel separation. The direct-coupled power amplifier delivers deep bass and will drive two pairs of speakers. Centre-detent balance, boost-and-cut bass and treble controls, LED FM stereo indicator. An unbeatable value at this low price. **31-2092** ..... **259.95**

**10 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz, with no more than 0.6% total harmonic distortion**

**AMPLIFIER.** Response: 15-30,000 Hz,  $\pm 2$  dB. **Signal-to-Noise Ratio:** 60 dB phono, 65 dB aux. **FM TUNER.** Sensitivity (IHF): 2.8 microvolts (14.2 dBf). **Capture Ratio:** 3 dB. **Alternate Channel Selectivity:** 38 dB. **Stereo Separation:** 34 dB at 1 kHz. **Total Harmonic Distortion:** 0.8% stereo, 0.5% mono. **Signal-to-Noise Ratio:** 65 dB. **EXTERNAL CONNECTIONS:** AM and 75/300-ohm FM antennas, A and B speaker pairs, headphone jack, tape in/out jacks, mag phono input, aux input, AC outlet, ground. **SIZE:** 14x42x30 cm.

## GOOD SYSTEM

**SAVE 40<sup>80</sup>**

Regular Separate Item Price  
**489.80**

**449**



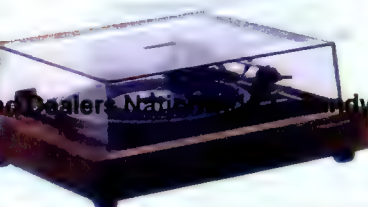
## BETTER SYSTEM

**SAVE 50<sup>80</sup>**

Regular Separate Item Price  
**539.80**

**489**

- Realistic STA-430 Stereo Receiver 31-2092
- Two MC-600 Walnut Veneer Speakers 40-1970
- Realistic LAB-1600 Automatic Stereo Tuner 42-2965



## BEST SYSTEM

**SAVE 57<sup>80</sup>**

Regular Separate Item Price  
**629.80**

**572**

- Realistic STA-430 Stereo Receiver 31-2092
- Two MC-1200 Walnut Veneer Speakers 40-1984
- Realistic LAB-270 Belt-Drive Turntable 42-2965

- Realistic STA-430 Stereo Receiver 31-2092
- Two Minimus-5 Walnut Veneer Speakers 40-255
- Realistic LAB-53 Changer with S-Shaped Tonearm 42-9584

Over 200 Stores and Dealers Nationwide. Find a Radio Shack Electronics is near you



# "Separates" Bring Big Sound to Small Places

## What a Value! AM/FM Stereo Mini-Tuner

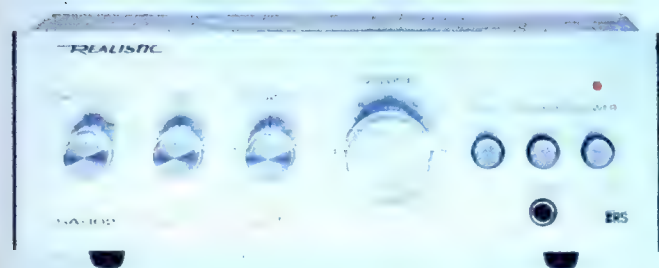


**99<sup>95</sup>**

Walnut Vinyl Veneer Case

**Realistic TM-102.** Perfect match for the amplifiers below, or systems without a radio. Has LED FM stereo indicator, plus 3-ganged FM tuning and advanced multiplex IC for great reception. Built-in antennas, terminals for external FM antenna. 8.8x23x18 cm. 31-1964 ..... **99.95**

## Versatile Stereo Mini Amplifier



**99<sup>95</sup>**

Walnut Vinyl Veneer Case

**Realistic SA-102.** Use a tuner, tape deck or a magnetic or ceramic-cartridge phono with this fine-sounding amplifier. Brushed aluminium front panel has headphone jack. LED "on" indicator. Rear panel has mag./ceramic phono switch, tape out jacks for recording. 8.2x23x18 cm. 31-1963 ..... **99.95**

## Our Famous Micro Stereo Amplifier



**59<sup>95</sup>**

Simulated Walnut Case

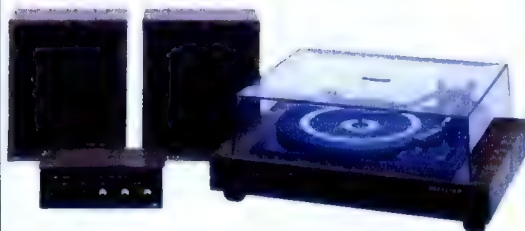
**Realistic SA-10.** Puts quality sound where you want it — den, bedroom, workshop, office or kids' room — at minimum cost! Levers select on/off, ceramic phono or tape/tuner input and stereo/mono. Full-range tone control. Matt-black front panel. 8.2x20x14 cm. 31-1982 ..... **59.95**

## GOOD SYSTEM

**SAVE 8<sup>80</sup>**

Regular Separate Item Price  
**207.80**

**199**



- Realistic SA-10 Micro Stereo Amplifier 31-1982
- Two Realistic Minimus-3 Speakers 40-913
- Realistic-49 3 Speed Turntable, with cueing 42-9583

## BETTER SYSTEM

**SAVE 20<sup>75</sup>**

Regular Separate Item Price  
**349.75**

**329**



- SA-102 Mini Stereo Amplifier 31-1963
- Realistic TM-102 AM/FM Stereo Tuner 31-1964
- Two Minimus-0.5 Speakers 40-1995
- Realistic-49 3 Speed Turntable, with cueing 42-9583

## BEST SYSTEM

**SAVE 30<sup>75</sup>**

Regular Separate Item Price  
**409.75**

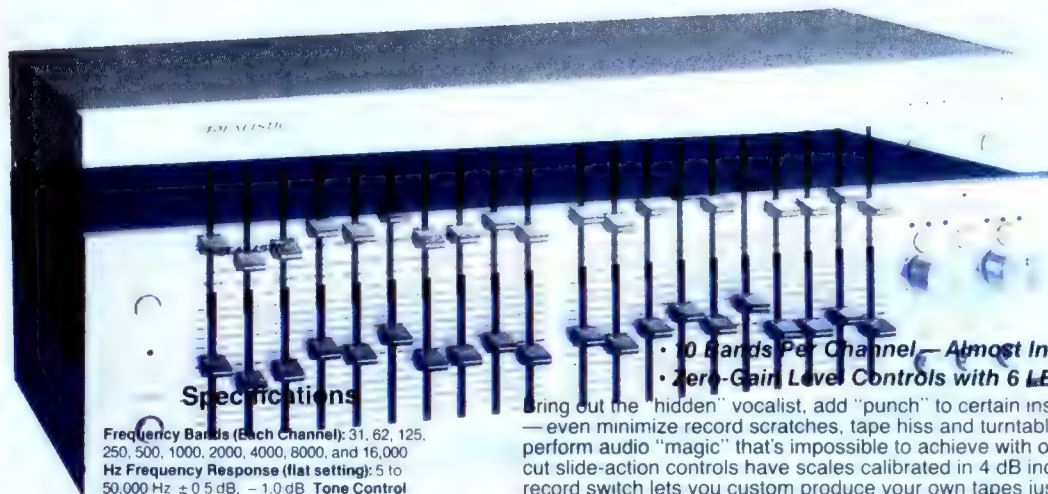
**379**



- SA-102 Mini Stereo Amplifier 31-1963
- Realistic TM-102 AM/FM Stereo Tuner 31-1964
- Two Realistic Minimus-4 speakers 40-224
- Realistic LAB-53 Turntable with S-Shaped Tonearm. 42-9584



# Upgrade Your Stereo System with Quality Accessories



## 10-Band, Wide-Range Frequency Equalizer

Tailor the Response  
Of Your Music System

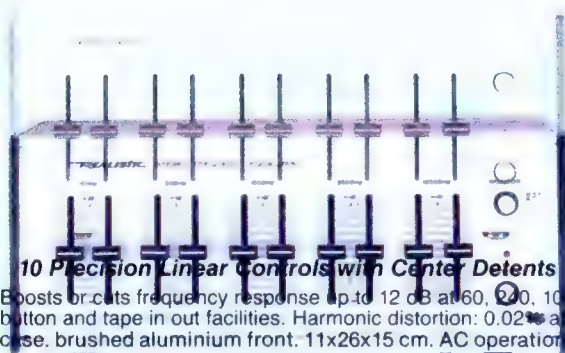
**239<sup>95</sup>**

### Specifications

Frequency Bands (Each Channel): 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, and 16,000 Hz Frequency Response (flat setting): 5 to 50,000 Hz  $\pm 0.5$  dB;  $-1.0$  dB Tone Control Range:  $\pm 12$  dB Harmonic Distortion: 0.02% at 0.775 volt output. Hum and Noise: 80 dB (0.775 volt input). Size: 12x42.5x26 cm.

- 10 Bands Per Channel — Almost Infinite Combination of Control Variations
- Zero-Gain Level Controls with 6 LED Indicators for Exact Level-Matching

Bring out the "hidden" vocalist, add "punch" to certain instruments, compensate for poor room acoustics — even minimize record scratches, tape hiss and turntable rumble. Realistic's new equalizer lets you perform audio "magic" that's impossible to achieve with ordinary tone controls! Twenty precision boost/cut slide-action controls have scales calibrated in 4 dB increments and center-detent flat positions. EQ record switch lets you custom produce your own tapes just like professional recording studios. Bypass button provides instant comparison to input — you get full front panel control without patchcord "swapping"! Wide-response, low-distortion circuit. All-metal cabinet, brushed aluminum front. Tape monitor button, tape in/out jacks. AC operation. 31-2000 ..... 239.95



## 5-Band Graphic Equalizer

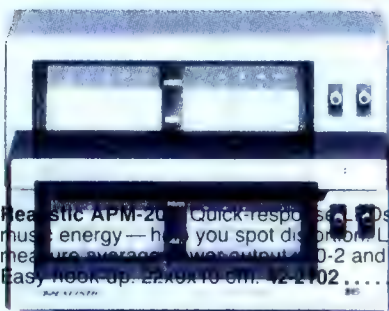
**99<sup>95</sup>**

## 6-Range Sound Level Meter

Check Music or Noise Levels **39<sup>95</sup>**

Perfect for proper adjustment of equalizers or checking sound levels in schools, auditoriums, businesses. Reads 70-126 dB with  $\pm 2$  dB accuracy at 114 dB. Electret mike, recording output, tripod socket. Requires 9V battery. 42-3019 ..... 39.95

10 Precision Linear Controls with Center Detents Boosts or cuts frequency response up to 12 dB at 60, 100, 1000, 3500, and 10,000 Hz. Tape monitor button and tape in/out facilities. Harmonic distortion: 0.02% at 0.775 volt output. Walnut vinyl veneer case, brushed aluminum front. 11x26x15 cm. AC operation. 31-1987 ..... 99.95



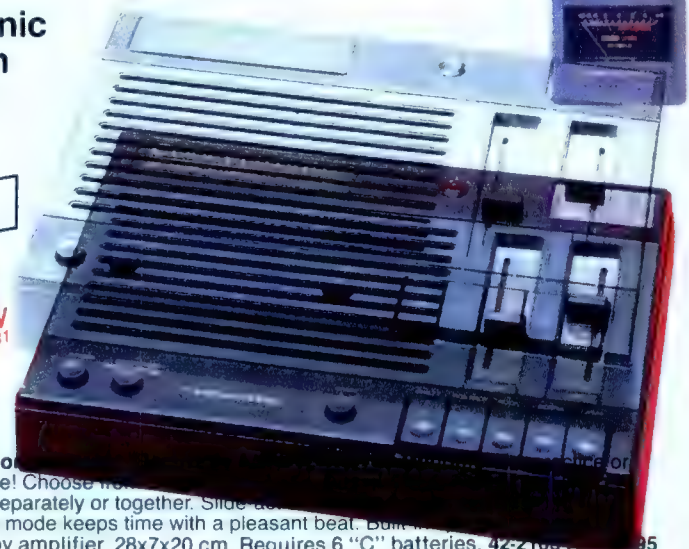
## Deluxe Power Meter

**89<sup>95</sup>**

Realistic APM-20 Quick-response LEDs track short bursts of music energy — help you spot distortion. Lighted RMS meters measure average power output in 0-2 and 0-200 watt ranges. Easy hook-up. 22x9x10 cm. 42-2102 ..... 89.95

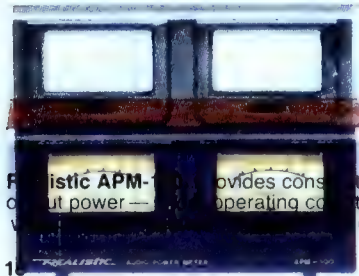
## Electronic Rhythm Box

**89<sup>95</sup>** NEW FOR 81



## Low-Cost Audio Power Meter

**22<sup>95</sup>**



Realistic APM-10 provides constant indication of amplifier output power — helps you spot distortion. Lighted RMS meters measure average power output in 0-2 and 0-200 watt ranges. Easy hook-up. 22x9x10 cm. 42-2100 ..... 22.95

Realistic Control — performance! Choose from 16 patterns. Use them separately or together. Side-by-side Metronome mode keeps time with a pleasant beat. Built-in speaker. Plug into any amplifier. 28x7x20 cm. Requires 6 "C" batteries. 42-2106 ..... 95

Need Patchcords? See our complete selection on Page 47



# Precision Direct-Drive, High-Performance Turntables



**Fully Automatic with Programmable Repeat**

- Powerful Brushless DC Servomotor
- Stroboscope with Neon Lamp for Precise Speed Adjustment
- With Hinged Dust Cover, \$19.95-Value Magnetic Cartridge

**329<sup>95</sup>**

**SPECIFICATIONS:** Drive System: Direct. Platter: Aluminium alloy die-cast, 12 1/4" diameter, 3.1 lbs. Motor: 20-pole brushless DC servo-type. Speeds: 33 1/3 and 45 RPM. Pitch Control Range:  $\pm 4\%$  Rumble: 65 dB (DIN B). Signal-to-Noise Ratio: Better than 53 dB. Hum: -65 dB. Wow and Flutter: Less than 0.03% WRMS. Size: 14x45x35 cm. Accessories: Head shell with cartridge, counterweight, 45 RPM adapter, dust cover.

**NEW FOR '81**

**Realistic™ LAB-420.** Designed to meet the high standards that audiophiles expect for superior sound reproduction from discs. The 3.1-lb. aluminium alloy platter rests directly atop the 20-pole DC servomotor for unwavering speed and the S-shaped tone arm keeps the cartridge stylus perpendicular to the radius of the groove across the full surface of the record — which means extremely low distortion and excellent tracking at less than 1 1/2 grams.

**42-2975 ..... 329.95**

## Deluxe Turntable Features Easy-to-Use Front-Mounted Controls

**With Hinged Dust Cover, \$27.95-Value Magnetic Cartridge**

**269<sup>95</sup>**

**Realistic LAB-390.** Brushless DC servomotor instantaneously senses and corrects platter speed. Die-cast non-magnetic platter damps vibration. Variable pitch control and built-in strobe-illuminator/pilot light to make speed adjustment easy and precise. Anti-skating control helps prevent record wear and inner groove distortion. S-shaped tone arm with adjustable tracking force. **42-2967 ..... 269.95**

**SPECIFICATIONS:** Type: Auto arm return, auto shutoff. Drive System: Direct. Platter: Aluminium die-cast, 12 5/16" diameter. Motor: Brushless DC motor. Speeds: 33 1/3 and 45 RPM. Pitch Control Range:  $\pm 5\%$  adjustment range. Rumble: -75dB Wow and Flutter: Less than 0.03% WRMS. Size: 43x13x37cm. Accessories: head shell with cartridge, counterweight and 45 RPM adapter, overhang gauge, dust cover.

### TANDY WARRANTY

(Realistic turntables are warranted against defect for one year from date of purchase. Within this period we will repair it without charge for parts and labour. Simply bring your sales slip as proof of purchase date to any Tandy store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This Warranty gives you specific legal rights and you may also have other rights which may vary from state to state.



**Low-Profile Moulded One-Piece Base With Anti-Shock Feet**

**Tandy Gives Stereo a whole new dimension**



## Deluxe Automatic 2-Speed Turntable

NEW  
FOR '81

# 229<sup>95</sup>

•With hinged dust cover  
\$27.95 Value Magnetic Cartridge

**Realistic® LAB-270.** Designed to satisfy the purist, yet anyone can appreciate its sound value! Features a powerful DC servomotor for unwavering accurate speed with instant acceleration. The belt-drive system absorbs the slightest vibration of the motor so you hear only the music. S-shaped tonearm has damped cue/pause that gently raises and lowers stylus. Adjustable anti-skate for minimum record wear. Adjustable counter-balance for perfect tracking at less than 2 grams. 42-2965 . . 229.95

### Specifications

**SPECIFICATIONS.** Type: Auto arm return. Drive System: Belt. Platter: Aluminium die-cast, 12" diameter. Motor: DC servo-type. Speeds: 33 1/3 and 45 RPM. Rumble: -65 dB. Wow and Flutter: Less than 0.05% WRMS. Size: 43x14x33 cm. Accessories: Head shell with cartridge, counterweight, 45 RPM adapter, dust cover.



## Full Feature Semi-Automatic 2-Speed Turntable

# 179<sup>95</sup>

- Dust cover
- "S"-shape, adjustable tone arm
- Viscous damped cue/pause control
- Precision belt-drive turntable

**Realistic LAB-1600.** This sleek low-profile stereo turntable is styled in matt black for really cool, modern looks. It features "S"-shape tonearm, adjustable counter balance and calibrated anti-skate control for minimum record wear. There is viscous damped cue/pause control, screw-in cartridge holder complete with magnetic cartridge with diamond stylus. The turntable has two speeds; 33 1/3 and 45 rpm, a dynamically balanced silent motor and a belt drive system to absorb motor noise. Operation is semi-automatic or automatic (optional). The unit is complete with attractive hinged dust cover for complete protection, and a touch of luxury. All at a fantastic low price. 42-9585 ..... 179.95





# Realistic Music Makers Are Kind to Your Records!

## Our Lowest Priced 3 Speed Changer with Cueing



## Feature-Packed Changer with S-Shaped Tonearm



**109<sup>95</sup>**

- Plays all record sizes and speeds
- Includes base and smoke tint dust cover

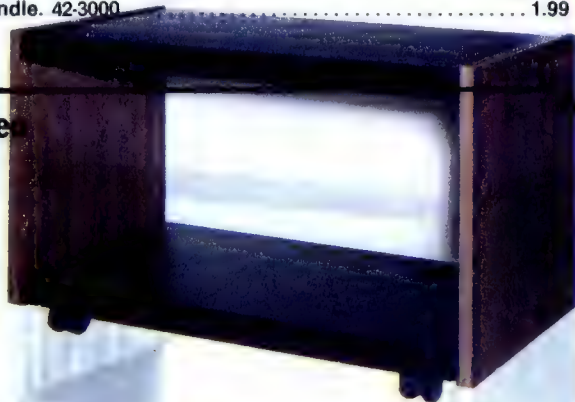
**Realistic 49.** It's loaded with features. Light-weight tone arm, adjustable tracking force, ceramic cartridge, positive action slide controls. Automatic tone arm lock and more. A cueing/pause lever raises the arm — lowers it into the same groove. Plays all size records at 33 $\frac{1}{3}$ , 45 and 78 RPM. 42-9583 ..... **109.95**  
45 RPM Spindle. 42-3000 ..... **1.99**

**149<sup>95</sup>**

- Cue/pause •Anti-skate
- Adjustable Tracking Force
- Magnetic Cartridge •Dust Cover

**Realistic LAB-53.** This quality changer features a locking umbrella spindle that lets you stack up to 6 records, then lowers them gently during automatic play mode. Cue/pause gives added convenience and record protection during manual operation. Easy-action slide-switch controls for automatic functions. Plays 33 $\frac{1}{3}$ , 45 and 78 RPM speeds. Jam-proof "S" shaped tonearm has built-in anti-skate calibration for conical and elliptical stylus. Includes a factory mounted magnetic cartridge and a wood base. 42-9584 ..... **149.95**

## Stereo Cart



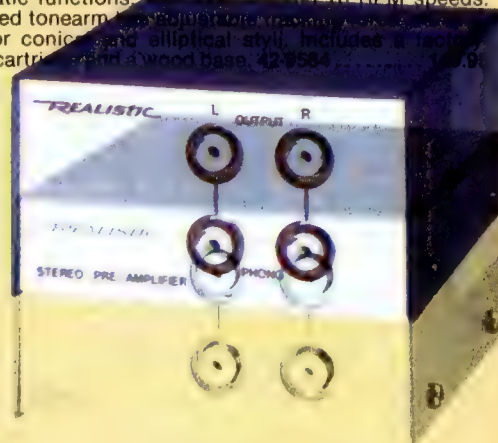
**49<sup>95</sup>**

Mobile stereo cart, complete with castors, walnut veneer end panels and black contrasting shelves. Now you can move your stereo easier from room to room. 42-9002 ..... **49.95**

## Hi-Fi Stereo Preamp

**36<sup>95</sup>**

**Matches Low-Output  
Magnetic Cartridges  
to Any Aux Input**



Easy low-cost way to add the superior performance of a magnetic cartridge to compacts or amplifiers having only ceramic phono or aux inputs. Also ideal for connecting a second magnetic cartridge-equipped changer through the aux inputs of your amplifier or stereo receiver. Solid state circuit for reliability and stable operation. Frequency response: 30-15,000 Hz  $\pm$  3 dB. RIAA equalization. Signal-to-Noise Ratio: 55 dB. Compact 5x15x10 cm all-metal cabinet. AC operation. 42-2101 ..... **36.95**



## Top of the Line! Twin 10" Woofers



**299<sup>95</sup>** Each

- 6 1/2" Midrange Speaker
- 2" Edgeless Tweeter With Horn Assembly

**Realistic® Optimus T-200.** Our best sounding speaker ever, the "200" is skillfully crafted to deliver a flat, uncolored frequency response with high or moderate powered amplifiers. The two active woofers move only half the distance of a single-woofer system, boosting efficiency and lowering distortion and cone break-up. Gradual-slope crossovers improve power handling capacity and ensure smooth transitions in bass-midrange-treble response. Keeping in tune with the latest time-alignment technology, we've staggered the tweeter so there are no sudden phase shifts or discontinuities in the measured phase response. And T-200's look great anywhere in a room because they're finished on 5 sides in genuine oiled walnut veneer.

40-2029 ..... **299.95**

**SPECIFICATIONS.** Response: 50-20,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter/1 watt). Controls: Variable midrange and treble. Power Handling Capacity: 150 watts. Impedance: 8 ohms. Size: 88x32x32 cm.

## Twin Long-Throw, 8" Woofers



**219<sup>95</sup>** Each

- Variable High Frequency Control
- 3" High-Compliance Tweeter

**Realistic Optimus® T-100.** Clean, clear sound from a beautiful speaker! The two active woofers and a tweeter assure balanced response from 55-18,000 Hz. The T-100 is so efficient you'll get the maximum out of any hi-fi amplifier for room-filling volume with minimum wattage. An L-Pad control lets you match the treble response to the acoustics of your listening room and to your personal taste. And like the T-200, the "Tower" has real style—it's finished in oiled walnut veneer on all sides so it looks just great even if not placed against a wall. The input connections are recessed on the bottom of the enclosure so even the speaker cables remain hidden. 40-2025 . . . **219.95**

**SPECIFICATIONS.** Response: 55-18,000 Hz.  $\pm 3$  dB. System Sensitivity: 90 dB (SPL at 1 meter/1 watt). Controls: Variable treble. Power Handling Capacity: 75 watts. Impedance: 8 ohms. Size: 90x33x31 cm.

## Tuned-Labyrinth Speaker System



NEW  
FOR 81

**189<sup>95</sup>** Each

Available Nov 30, 1980

- 8" Long Excursion Woofer
- 1" Wide-Dispersion Dome Tweeter

**Realistic Optimus T-70.** Audio breakthrough! A high-performance 1" soft dome tweeter delivers smooth response up to 20,000 Hz. Its wide dispersion and very low distortion mean you hear detailed reproduction of the highest piano notes or the crash of cymbals with dramatic clarity. A long-throw 8" woofer and tuned-labyrinth enclosure reinforce the lower bass and permit excellent transient response. All this, plus hand-finished cabinetry of mitre-folded walnut veneer machined from a single panel for continuity of grain and color.

40-2023 ..... **189.95**

Acoustically-Tuned Labyrinth Enclosure Reinforces Bass



**SPECIFICATIONS.** Response: 55-20,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter/1 watt) Power Handling Capacity: 75 watts. Impedance: 8 ohms. Size: 75x26x27 cm



# Experience the Excitement of Speakers by Realistic®

**Massive 15" Woofer  
With 35-oz. Magnet!**

**299<sup>95</sup>**  
Each

**Famous for Bass  
You Can Feel**

**Realistic Mach One®**. If it's tight "wall-shaking" bass you like, this speaker is the one for you! Its powerful 15" woofer, a sectoral midrange horn and heavy-duty horn tweeter work in concert to deliver all the punch that today's music packs. Because the Mach One's frequency response covers the entire audio range you won't miss a note of your favourite performers. Separate midrange and tweeter controls let you adjust speaker performance to better match the acoustics of your listening room. All this adds up to a "heavyweight" speaker enclosed in a handsome oiled walnut veneer cabinet. **40-2024** ..... **299.95**

**SPECIFICATIONS:** Response: 20-20,000 Hz. Controls: Variable midrange and treble. Power Handling Capacity: 75 watts. Impedance: 8 ohms. Size: 72x45x30 cm.

## 2-Way Passive Radiator System

**199<sup>95</sup>**  
Each

- 10" Passive Radiator
- 8" Active Woofer
- 3/4" Dome Tweeter

**Passive Radiator  
Functions As  
Tuned Port —  
Solid Bass  
Down to 42Hz**

**Realistic Optimus-10** Sophisticated, efficient design! Active woofer and drone are acoustically-coupled to put

out deep, rich bass usually heard from speakers with much larger woofers. Brilliance contour controls high-frequencies to suit room acoustics. Phono jacks and screw terminals. Walnut veneer enclosure, removable grille. **40-2028** ..... **199.95**

**SPECIFICATIONS:** Response: 42-20,000 Hz,  $\pm 3$  dB. Control: Variable treble. Power Handling Capacity: 75 watts. System Sensitivity: 90 dB (SPL at 1 meter/1 watt). Impedance: 8 ohms. Size: 63x39x27 cm.

## 3-Way Acoustic Suspension System

**189<sup>95</sup>**  
Each

- 10" Woofer
- 4" Midrange
- 2 1/2" Tweeter

**Special Extended  
Midrange Design**

**Realistic Optimus-25.** Powerful 10" high-compliance woofer delivers deep bass without cone breakup, and an acoustically isolated extended-midrange speaker makes vocalists really come alive. The tweeter features low-mass aluminium voice coil for crisp, clean highs and plenty of power handling capacity. Genuine walnut veneer finish. **40-2027** ..... **189.95**

**SPECIFICATIONS:** Response: 45-20,000 Hz. Controls: Variable Midrange and Treble. Power Handling Capacity: 75 watts. Impedance: 8 ohms. Size: 63x35x29 cm.

Sectoral midrange horn, designed to provide a true spatial image. Smooth 800-8000 Hz response for a "live" presence.

Heavy-duty "Bullet" tweeter horn delivers crisp and clean highs from 8000-25,000 Hz.

Treble and midrange L-pads for precise adjustment of response to suit room acoustics.

Acoustic suspension woofer pumps out huge volumes of air — you can feel the bass down to 20 Hz. Four-layer voice coil is wound on a brass form for extra power handling.





## 2-Way Passive Radiator System

NEW  
FOR 81

**169<sup>95</sup>** Each

Sealed Enclosure for Extended Bass Response



- 8" High-Compliance Woofer
- 8" Passive Radiator
- 2 1/2" Extended-Range Tweeter

**SPECIFICATIONS.** Response: 80-18,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter/1 watt). Power Handling Capacity: 50 watts. Impedance: 8 ohms. Size: 56x31x26 cm.

**Realistic Nova® -10.** The speaker that gives you outstanding performance in this price range. You get exciting depth and clarity of bass frequencies and our specially-designed tweeter produces the highest output with the lowest distortion of any currently available 2 1/2" tweeter! A special crossover network reduces distortion between frequency ranges. Screw terminals. Genuine walnut veneer finish.

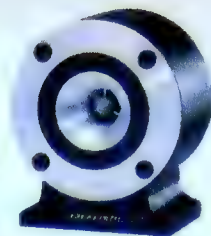
40-4028 ..... 169.95

## Super Tweeter

**24<sup>95</sup>**

Extends Highs to 40,000 Hz

Adds brilliance to any speaker! Smooth, clean response. Mounts inside or outside speaker enclosure. Built-in crossover. 50-watt capacity. 10 cm high. 8 ohms. 40-1310 ..... 24.95



## Piezo Super Tweeter

**19<sup>95</sup>**

NEW  
FOR 81

Enhance your stereo! Solid-state, burnout proof design — no voice coil, no crossover is needed. 5000-27,000 Hz. 96 dB (SPL at 1 meter/1 watt). 75-watt capacity.

40-1380 ..... 19.95



**Realistic MC Series, Nova®, Minimus®, Optimus® and Mach One®** speaker systems are warranted against defects for 5 years from the date of purchase. Within this period Tandy will repair the equipment without charge for parts and labour. Simply bring your sales slip as proof of purchase date to your Tandy store. Warranty does not cover transportation costs nor does it cover equipment subject to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

## Luxury Housing For Stereo Components

**99<sup>95</sup>**

NEW  
FOR 81

This is an attractive cabinet with walnut veneer finish, ideal for stereo. With the castors you can move your system from room to room when entertaining or spring cleaning. Includes record support, smoked glass door for record section and simple assembling instructions. 42-9004 99.95



**89<sup>95</sup>**

• Ideal for your stereo system  
• 992mmx528mmx395mm

Plenty of room to store your stereo equipment. Features record supports and see through smoked glass door on base-shelf! Black shelves, walnut veneer finished side panels. 42-9001 .... 89.95



**69<sup>95</sup>**

• Plenty of storage space and versatility in one cabinet

Modern open shelf design ideal for stereo. Gives a great "built-in" look for stereo system. Cabinet has very attractive walnut veneer finish. The kit contains record supports, and simple instructions.

42-9003 ..... 69.95



## Bring Out the Most in Your Speakers With Realistic Stands



Wood Stands

NEW  
FOR 81

**36<sup>95</sup>** Pair

Lifts and properly angles speaker 18 cm off the floor. Acoustically decouples for improved response. Stained walnut. 40-1253 .. 36.95

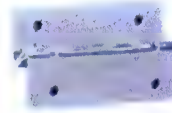
Steel Speaker Stand



NEW  
FOR 81

**22<sup>95</sup>** Pair

Lifts speakers off the floor for a cleaner sound and less "boom" next door! Also handy for stacking components. Black oxide finish. 7.6cm high. 40-1254 ..... Pair 22.95



Metal Wall Brackets

**4<sup>95</sup>** Pair

Each Supports Up to 22.6 kg  
Now you can easily wall-mount your speakers, yet the brackets are hidden from view. Screws for hardwood mounting of 2 speakers. 40-150 ..... pair 4.95



# Compact Minimus® Shelf Hi-Fi Speakers

## The Famous Minimus®-7

**59<sup>95</sup>**  
Each

Here's what Stereo Review Magazine says about Minimus-7:

*"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good... power handling above average... a good buy."*

Quotes excerpted with permission from STEREO REVIEW, Aug. 1979, article "Nineteen Minispeakers" copyright © 1979 Ziff-Davis Publishing Co. All rights reserved.



NEW  
FOR '81

**Realistic Minimus-7.** Less than 20 cm high — about the size of two average books — but you get full-range response up to 20,000 Hz from a long-excursion 4" woofer and wide dispersion 1" soft-dome tweeter. Smooth transition L-C crossover network. Power handling capacity: 40 watts. Die-cast aluminium enclosure. 8 ohms. 18x11x11 cm.

**Black, 40-2030/Silver, 40-2034** ..... Each 59.95

**Adjustable Mounting Bracket.** For wall, ceiling or mobile use.

**40-2031** ..... Pair 19.95

**Realistic Minimus-11.** New "Big brother" to Minimus-7. The same acclaimed design concept, but with a 5" woofer and 2½" horn-loaded tweeter — acoustically-aligned for proper time relationship. The result is an "open" natural sound in the midrange that adds "life" to vocals. Power handling capacity: 50 watts. Diecast aluminium enclosure, removable grille, 8 ohms. 17x18x16 cm.

**Silver, 40-2035/Black, 40-2036** ..... Each 99.95

## The Super Minimus®-11

**99<sup>95</sup>**  
Each



NEW  
FOR '81

NEW  
FOR '81

## MC-Series Floor/Shelf Speakers

### High-Efficiency Speaker

**119<sup>95</sup>**  
Each

- Efficient 8" Woofer
- 2½" Wide-Dispersion Tweeter

**Realistic MC-2001.** Smooth sound — from deep, non-booming bass to clear, dramatic highs. Response: 60-17,000 Hz. Power handling capacity: 60 watts. Phono-type jacks and screw terminals. Walnut veneer enclosure removable grille. 8 ohms. 33x57x21 cm.

**40-1987** ..... 119.95

### 2-Way Speaker System

**69<sup>95</sup>**  
Each

- Extended-Range Tweeter

**Realistic MC-1200.** Accurate, wide-range sound. 8" woofer (25 sq. in. radiating area) for deep bass and 2½" tweeter for crisp highs. Response: 85-17,000 Hz. Power Handling capacity: 50 watts. Genuine walnut veneer finish, removable decorator grille. Phono-type jacks and screw terminals. 8 ohms. 45x27x19 cm. **40-1984** ..... 69.95

### Bass Reflex Speaker

**89<sup>95</sup>**  
Each

**Realistic MC-1400.** Unique bass-reflex design increases efficiency. 8" woofer combines with a tuned passive port and a 4¼" tweeter for crisp sound across the 65-20,000 Hz range. Walnut veneer finish. Handsome grille. Phono-type jacks and screw terminals. Recommended Power Handling: 55 watts. 46x29x19 cm.

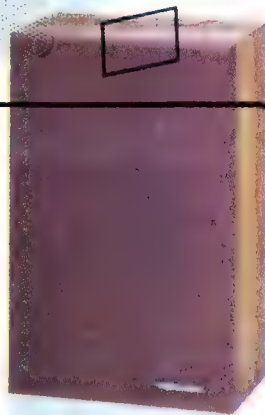
**40-1985** ..... 89.95

### 2-Way Bookshelf

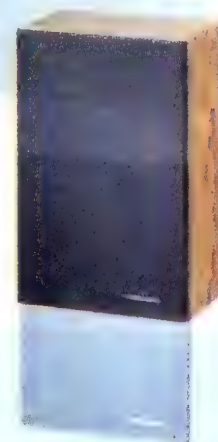
**49<sup>95</sup>**  
Each

- Walnut Veneer
- Removable Grille

**Realistic MC-600.** Wide-range sound with extended bass response. Efficient design features a 6½" woofer and 2½" tweeter. Frequency response: 100-18,000 Hz. Power Handling Capacity: 40 watts. Phono-type jacks and screw terminals. 8 ohms. 34x22x13 cm. **40-1979** ..... 49.95



NEW  
FOR '81



Now Over 200 Stores Nationwide — We're Near You



# Extension Speakers for Every Room in Your House

## Ideal Add-On for Stereo Compacts



**49<sup>95</sup>**

Get a Pair for Surround-Sound Listening with Realistic Stereo Compact Systems

**Realistic Minimus-9.** A floor/shelf speaker with smooth, clear sound. Air-suspension design with 8" woofer for deep bass, 3" tweeter for clear highs. Walnut vinyl. 7.3m cable. 8 ohms. 56x30x42 cm.

40-914 ..... 49.95

## The Little Speaker That "Thinks" It's Big!



**39<sup>95</sup>**

- 6 1/2" Woofer
- 1 1/2" Horn Tweeter
- Genuine Walnut Veneer

**Realistic Minimus® -5.** Air suspension woofer delivers deep bass, and the tweeter, mounted behind a multi-cellular horn for wide dispersion, provides clean and clear highs. 100-20,000 Hz audio response. Power Handling: 15 watts. Both phono-type and screw terminal inputs. 8 ohms. 31x23x16 cm. 40-255 ..... 39.95

## Compact, Wide-Range System



**29<sup>95</sup>**

*Ideal for Bookshelf*

**Realistic Minimus-4.** No larger than a few books. 5" full-range speaker with whizzer cone delivers 125-17,000 Hz sound. Walnut vinyl. 8 ohms. 32x20x14cm. 40-224 ..... 29.95

## Full-Range Sound from a Shelf Speaker

**24<sup>95</sup>**

*Makes a great pair for stereo*

**Realistic Minimus-8.** Dictionary-sized yet 4" speaker delivers 130-20,000 Hz response. Walnut vinyl. 8 ohms. 25x15x12 cm. 40-216 ..... 24.95



## The Speaker for "Mini" Systems

**18<sup>95</sup>**

*Budget Bookshelf System*

**Realistic Minimus-3.** Budget bookshelf system just right for extensions or replacements. Full-range 5" speaker. Walnut vinyl. 25x21x14 cm. 8 ohms. 40-913 ..... 18.95

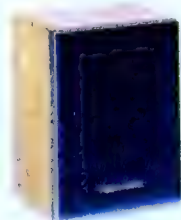


## The Amazing Minimus-0.5

**19<sup>95</sup>**

*Mini-Size, Mini-Price Maxi-Sound*

**Realistic Minimus-0.5.** Smallest speaker ever to be reviewed by a major audio magazine. Only 17x12x10 cm, but you get room-sized sound. Walnut vinyl. 8 ohms. 40-1995 ..... 19.95

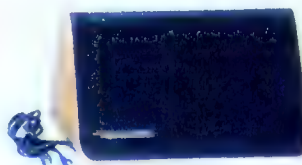


## "Wedge" Extension Speaker

**16<sup>95</sup>**


*Teakwood Finish*

Adds more listening enjoyment to your transistor radio or cassette player. Includes cable with mini, sub-mini plugs. 11x20x15cm. 40-1247 ..... 16.95





## 18-Ga. Lug-to-Lug Cable



**NEW FOR 81**

**3<sup>99</sup>**

7.3m coded. 42-2451 ..... 3.99

## 18-Ga. Plug-to-Lug Cable




**NEW FOR 81**

**4<sup>29</sup>**

7.3m coded. 42-2452 ..... 4.29

## 18-Ga. Speaker Cables

**Low As 3<sup>69</sup>**



3.6m 42-2479 ..... 3.69  
7.3m 42-2478 ..... 4.69

## Maximum-Fidelity Speaker Cable




**NEW FOR 81**

**19<sup>95</sup>**

**Low Resistance for Minimum Power Loss**

## Speaker Extension Cables with Lugs

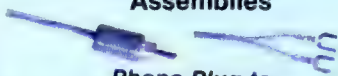
**Low As 1<sup>59</sup>**



Colour-coded for easy hookup.

7.3m 42-2446 ..... 2.09  
3.6m 42-2447 ..... 1.59

## Moulded Cable Assemblies

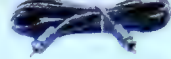


**Phono Plug-to-Lug Connectors**

3.6m 42-2449 ..... 2.19  
7.3m 42-2450 ..... 2.29

## Speaker Ext. Cables With Phono Plugs

**Low As 2<sup>69</sup>**



7.3m Grey. 42-2392 ..... 3.19  
7.3m White. 42-2430 ..... 3.19  
3.6m Grey. 42-2445 ..... 2.69  
3.6m White. 42-2431 ..... 2.69

**Realistic MF-100.** Specially designed for hi-fi! Flexible jacket makes placement easy. Booted, tinned ends separate leads for hookup. 9.1m. 42-2600 ..... 19.95

## Speaker Volume Controls, Selector Switches and Wall Jacks



### Speaker Selector Switch

**7<sup>95</sup>**

**Handles 4 Speakers**

Controls two pairs. Non shorting. Enclosed in metal case. With mounting hardware

40-130 ..... 7.95



### Stereo Speaker Switch

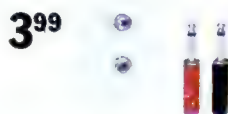
### Handles Up to 6 Speakers

**14<sup>95</sup>**

Controls 3 pairs of stereo speakers or 6 mono speakers. Rated 30 watts peak. 5.3x15x8.2cm.

40-125 ..... 14.95

### Speaker Wall Jack



Lets you hook up stereo speakers anywhere. With two 1/4" plugs.

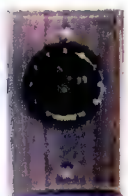
40-976 ..... 3.99

### Speaker Wall Terminals



Add speakers to any room! Spring-loaded, coded terminals.

40-975 ..... 4.59



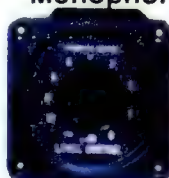
### Stereo Volume Control

**12<sup>95</sup>**

### Handles High Power Levels

Controls volume of two 8-ohm speakers.

40-978 ..... 12.95



### Monophonic Volume Control

### 7<sup>95</sup>

### Handles High Power Levels

Controls volume of any 8-ohm speaker.

40-977 ..... 7.95

### Stereo Volume Control



### 7<sup>95</sup>

### For Stereo Speakers

Mounts easily to wall. 8 ohms. 40-979 ..... 7.95

### Monophonic Volume Control



### 5<sup>49</sup>

Controls volume of any 8-ohm speaker. 25 watts peak. 40-980 ..... 5.49

## Make Your Speakers Look New Again!

### Foam Speaker Grille

**Hook-and-Loop Fasteners for Easy Mounting**

### 14<sup>95</sup>

Low-cost way to improve the looks of your speakers. Acoustically transparent. Large 43x60x1.9cm sheet of foam will cut down to speaker size.

**Brown. 40-1946 ..... 14.95**  
**Black. 40-1951 ..... 14.95**

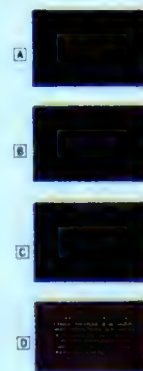
### Speaker Grille Cloth

• **Colour-fast Fabrics**  
Resist Sagging  
Shrinking & Fading

• **Acoustically Transparent**

### 9<sup>95</sup>

Fig.	Description	Size	Cat. No.	Each
A	Deluxe Brown	91x91cm	40-1936	9.95
B	Deluxe Black	91x91 cm	40-1935	9.95
C	Black	91x81 cm	40-1933	9.95
D	Basket Weave	91x81 cm	40-1949	9.95



Over 200 Tandy Stores and Dealers Nationwide — We're Near You



# Open-Reel Deck with 3 Heads, 3 Motors, Logic Control

Open Reel Gives Highest Fidelity, Easiest Editing, Longest Recording Time

## 629<sup>95</sup>

- **Easy-to-Use! Pushbuttons with Full-Logic Solenoid Control Let You Switch from Fast Forward to Rewind to Play Without Tape Snarls or Spills**
- **Separate High/Low Bias and EQ Settings for Best Response and Lowest Noise from Any Tape**
- **7½ and 3¾ ips Spools**

### Professional Features

3 heads: erase, record, and play — for off-the-tape editing as you record material!

High-torque wind and rewind motors. FG capstan servomotor for low wow and flutter!

### Specifications

**Frequency Response:** 30-28,000 Hz  $\pm 3$  dB  
30-20,000 Hz  $\pm 1.5$  dB at 7½ ips, 30-20,000 Hz  $\pm 3$  dB, 30-15,000  $\pm 1.5$  dB at 3¾ ips. **S/N Ratio:** Better than 58 dB at 7½ ips, 55 dB at 3¾ ips. **Total Harmonic Distortion:** 0.9% at 0 VU. **Wow & Flutter:** Less than 0.06% (WRMS) at 7½ ips, 0.08% (WRMS) at 3¾ ips. **Fast-Forward/Rewind Time:** 90 sec. 1800". **Head Material:** Hard Permalloy. **Size:** 33x41x23 cm

**Realistic TR-3000.** Join the professionals and upgrade to open reel for wider frequency response, lower noise and distortion, greater dynamic range and "easy-to-be-creative" editing! Our finest-ever reel deck features a pushbutton-activated electronic solenoid system to control all tape movement, and a servo-controlled DC capstan motor to virtually eliminate wow and flutter. Twin idler arms and two high-torque reel motors maintain constant tape tension for smooth, fast winding. Separate mike and line input controls work like a built-in mixer. Pause and record mute controls let you edit out unwanted material *electronically* as you record. Lighted 7.6 cm VU meters, adjustable line output level, 4-digit tape counter, ¼" mike jacks, ½" stereo headphone jack. With 7" plastic reel, two stereo patch cords. AC

629.95

## Stereo 8-Track Record/Play Deck with Most-Wanted Features

## 169<sup>95</sup>

- **LED Program Indicators**
- **Auto-Stop at End of Program-4**
- **Fast Forward • Headphone Jack**

**Realistic TR-883.** Record your own great sounding stereo 8-tracks! Tape stops automatically at end of program 4 when recording — prevents accidental over-recording. Continuous play or track-4 Auto-Stop on playback. Lighted VU meters for easy record-level setting. Adjustable output level. Walnut vinyl veneer case, 12x36x22 cm. AC operation.

14-946

169.95

Timer Shows Elapsed Minutes and Seconds

Pause Control Lets You Edit While Recording!





## Our Best Double Dolby 3 Head Cassette Deck

**Three Separate Heads Let you Monitor the Tape As It's Being Recorded — And  
Two Separate Dolby Circuits Let you Record and Monitor in Dolby —  
You Hear Exactly What Your Tape Recording Will Sound Like!**

# 629<sup>95</sup>

- 3 Heads •2 motors •Dual Capstan
- Variable-Bias with Twin-Tone Oscillator
- Dolby Calibration Control for Proper Recording Level
- Two Large VU Meters with Two Peak LED Indicators

### Check the Features



Separate record/play heads  
in one housing allow monitor-  
ing for true source/tape  
comparison



Soft-touch 6-key full-logic solenoid —  
operated controls for smooth, easy operation

FG (frequency generator)  
motor "locks" deck  
on-speed, constantly  
checking for "perfect pitch"



Cut-Away View  
of FG Motor

**Realistic SCT-3000.** Our best-ever cassette deck! Includes features like soft-touch logic push-buttons for rewind, play, fast forward, stop, record, pause and record mute to effortlessly control all functions. Tape/source pushbutton for instant, exact comparison of tape recording and source. The cassette door is detachable for easier tape head maintenance. Output level control, concentrically clutched record level controls with "memory ring" for exact resetability. Two 1/4" mike inputs, headphone jack. Twin 7.6cm VU level meters with digital tape counter, reset, auto-rewind, timer functions allows automatic rewind to stop, continuous play, or timed record or play. Record mute pushbutton disables record function while deck is still running to eliminate material while recording. Adjustable bias Twin-Tone generator creates 400 Hz and 10 kHz signals to calibrate the deck precisely to any tape formulation. Double Dolby, with switchable multiplex filter, ensures optimum results when recording Dolby FM, records, or through the mike inputs. Peak-indicator LEDs visually indicate +3VU and +6VU record levels for continuous monitoring and reduction of distortion. Auto-rewind mechanism lets you select stop, rewind or play functions. During recording or playing, at end of tape travel, the 3000 will either rewind and stop or rewind and go to play/record. The cassette deck with it all! **14-609**.....**629.95**

**SPECIFICATIONS:** Frequency Response: 30-19,000 Hz  $\pm 3$  dB (with Ferric tape) 30-20,000 Hz  $\pm 3$  dB (with CrO2 tape). Wow and Flutter: Less than 0.05% WRMS. Signal-to-Noise Ratio: (CrO2 tape with Dolby in and CCIR weighted) 61 dB. Tape Heads: Combination Ferrite R/P, ferrite erase. Output Level: Adjustable to 0.55 volt max. Distortion at 0 VU: Less than 0.9% total harmonic. Crosstalk Between Tracks: Less than -60 dB. Dimensions: 14x45x25 cm.



## Double Dolby\* NR, 3 Heads, Fast LED Peak Level Meters

# METAL

# 499<sup>95</sup>

NEW  
FOR 81

Available Nov. 30, 1980

### Check the Features!

- Four-Position Tape Selector — use Normal, FeCr, CrO2 or Metal Tape
- Three Heads for True Tape/Source Monitoring, While You Record
- Double Dolby Works in all Modes — Recording, Playback and Monitoring
- 16-Segment LED Peak Level Meters for Each Channel & Peak Hold Button

\*TM Dolby Laboratories

control adjusts for optimum response with any cassette. Has super-fast two-colour LED peak meters. The auto/manual peak-hold feature shows you highest signal levels for easy and exact level setting. Also features a smooth-operating cassette transport with DC servomotor capstan drive: switchable MPX filter; full auto stop and more. **14-614**.....**499.95**

Frequency Response  $\pm 3$  dB: 30-21,000 Hz (metal), 30-20,000 Hz (CrO2), 30-19,000 Hz (normal). Wow and Flutter: Less than 0.05% WRMS. Signal-to-Noise Ratio: (ref. 3.0% THD Dolby "on", CCIR weighted, metal tape): 66 dB. Distortion (ref. 160 mW/m @ 400 Hz): Less than 1.0% THD. Record and Play Heads: Ferrite with titanium surface. Erase Head: Double gap ferrite. Output Level: Adjustable, 0.78 volt max. Size: 43x10x25 cm.

**Tandy Electronics — For Value, Service and Reliability**



# Realistic® Decks Add Superb Stereo to Any System

**Dolby\* NR on Tape  
and FM, Fluorescent  
Peak Hold Metering**

**NEW  
FOR \$** **METAL**

**329<sup>95</sup>**

Available Oct. 30, 1980

**Realistic SCT-21.** Adds high quality cassette recording and playback to your music system. A four-position Dolby NR mode switch lets you record Dolby or standard tapes from any source. There is a front panel fine bias control that ensures best response from all cassettes and concentric record level controls with memory ring for easy resetting to a previous level. The ultra-fast operating fluorescent meters with switchable peak hold end "guesswork" when setting recording levels. Also has adjustable output level control to match the input requirements of any receiver or amplifier; LED record and Dolby mode indicators; switchable MPX filter; 3-digit tape counter and more. An outstanding value! **14-611** ..... **329.95**

**Frequency Response:**  $\pm 3$  dB: 20,000 Hz (metal), 30-18,000 Hz (CrO<sub>2</sub>), 30-15,000 Hz (normal). **Wow and Flutter:** Less than 0.06% (WRMS). **Signal-to-Noise:** (CrO<sub>2</sub> tape) 66 dB, 3.0% THD, Dolby "on," CCIR weighted, metal tape: 66 dB. **Distortion:** (ref. 160 mW/m @ 400 Hz): Less than 0.5% THD. **Record/Play Head:** Hard Permalloy. **Erase Head:** Ferrite. **Size:** 42x10x25 cm.

\*Dolby is a registered trademark of Dolby Laboratories, Inc.

## High-Performance Features

- **Four-Position Tape Selector** — Use Normal, FeCr, CrO<sub>2</sub> or Metal Tape
- **Record Mute Button and Pause Lever** for Silent Editing As You Record
- **FG (frequency generator) Servo Motor** for Precise Speed, Low Wow & Flutter
- **Accurate 14-Segment Fluorescent Level Meters** with Peak Hold Button

## SUPERTAPE® Metal Cassettes — A Difference You Can Hear!

Tandy's new state-of-the-art metal tape is coated with particles of pure iron with *twice the coercivity of any oxide tape*. This means tape can capture and reproduce more of the music, even the sparkling highs and lows that are lost with conventional cassettes. Metal tape lets you record at higher levels with lower distortion — you get stunning dynamic range over the entire audio frequency spectrum and sound quality you'd never hear from a cassette!

## Our Popular Priced Front-Load Deck with Dolby\* NR

**229<sup>95</sup>**

- **Separate Tape Bias and EQ Selectors**
- **Dolby System Extends Dynamic Range and Lowers Tape Noise**
- **Dual Concentric Recording Level Controls**

**Realistic SCT-19.** You can stack this deck between other components or between shelves. Dolby noise reduction system reduces tape "hiss". Bias and equalization switches for optimum results. Lighted VU meters, 3-digit tape counter, end-of-tape auto-stop, front panel mike, headphone jacks, output level control. Push levers for pause, fast-forward, play, rewind, record and stop/eject, record level controls. **14-608** ..... **229.95**

**SPECIFICATIONS.** **Frequency Response,**  $\pm 3$  dB: 30-13,000 Hz (with Ferric tape); 30-14,000 Hz (with CrO<sub>2</sub> tape). **Wow and Flutter:** Less than 0.12% (WRMS). **Signal-to-Noise:** (CrO<sub>2</sub> tape with Dolby "II" and CCIR weighted); 59 dB. **Tape Heads:** Hard permalloy R/P, ferrite erase. **Motor:** DC electronic governor. **Input Level:** Mike, -70 dB; Aux., -20 dB. **Output Level:** Adjustable to 0.7 volt maximum. **Distortion at 0 VU:** less than 1.5%. **Crosstalk Between Tracks:** Less than -60 dB. **Size:** 15x39x24 cm.

**Dolby System  
for Tape/FM**

**Dual Concentric  
Record Level  
Controls**

See Our Complete Line of Microphones for "Live" Recordings — Pages 52-53





## Realistic's Lowest Priced Front-Load Dolby Cassette Deck

# 179<sup>95</sup>

- Full End-of-Tape Auto-Stop
- Separate EQ/Bias Switches
- Dual VU Meters with Separate Recording Level Controls



**Tape Bias and  
Equalization Switches**

**Dolby Noise  
Reduction System**

**Realistic SCT-20.** A big-feature stereo cassette deck with Dolby noise reduction, plus dual VU meters to indicate record level, pause key, digital counter and Auto-Stop to make recording easy. Pushbuttons for record, rewind, fast forward, play, stop/eject, pause. Rear panel outlet level adjustments. Jacks for headphones, mikes. Walnut vinyl veneer finish.

14-610 ..... 179.95

**SPECIFICATIONS.** Frequency Response,  $\pm 3$  dB: 30-12,000 Hz (Ferric tape); 30-13,000 Hz (CrO2 tape) **Wow and Flutter:** Less than 0.12% (WRMS). **Signal-to-Noise:** (CrO2 with Dolby "In" and CCIR weighted): 58 dB. **Tape Heads:** Hard Permalloy R/P, ferrite erase. **Motor:** DC electronic governor. **Input Level:** Mike, -65 dB; Aux, -18 dB. **Output Level:** Adjustable to 0.58V max. **Distortion at 0 VU:** less than 1.5%. **Crosstalk Between Tracks:** Less than -60 dB. **Size** 14x39x25 cm.



## Stereo Record/Play Cassette Deck with Auto-Record Level

- CrO<sub>2</sub> Tape Switch
- Great Addition to Any Stereo with Tape In/Out Jacks

# 99<sup>95</sup>

**Realistic SCT-12.** This compact deck lets you record from dual sources including "live" using the dual mike inputs. Auto-Level sets recording level for you — no adjustments are required. End-of-tape Auto-Stop prevents tape damage. Has selector switch for CrO<sub>2</sub> or normal tape; push-keys for all modes including pause; 3-digit tape counter; adjustable output level; walnut-grained vinyl veneer case. 7.9x15x22 cm. 14-601 ..... 99.95

## Add Stereo Cassette Playback to Your Music System!

- Adjustable Output Level
- End-of-Tape Auto-Stop

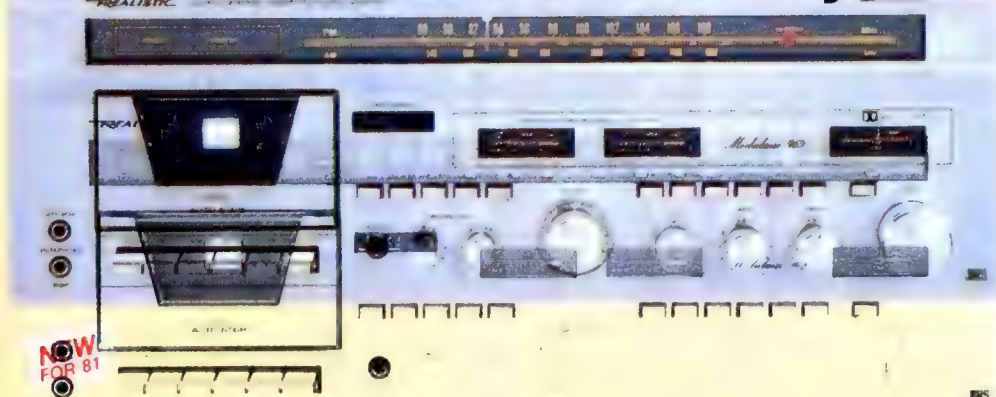
# 69<sup>95</sup>



**Realistic SCP-2.** The easy, low-cost way to add cassette listening to any music system that has aux or tape jacks. Features push-keys for play, stop/eject, fast-forward and rewind; Auto-Stop at end of tape play to prevent damage to cassettes; and adjustable output level control to match any receiver or amplifier input. Plays all cassettes. Compact simulated-walnut case. 8.8x14x21 cm. 14-607 ..... 69.95



# AM/FM Stereo Receiver/Dolby\* NR Cassette Deck



**NOW  
FOR 81**

**469<sup>95</sup>**

**Just Add Speakers and a Turntable  
For a Complete Stereo Music System**

**Realistic Modulaire® -969.** The heart of a versatile, great-sounding music system! Enjoy FM stereo, AM and cassette tapes — or record your own tapes from external sources. The Dolby noise reduction system on the cassette deck extends dynamic range and cuts tape "hiss". The tuner has an extra-wide lighted dial, precision flywheel control and lighted meter for easy and exact tuning. Features include detented volume, bass and treble controls, centre-detent balance control; loudness pushbutton for full-range sound at low levels; high filter to reduce record "scratch", inputs for ceramic or magnetic-cartridge phono; aux inputs and tape out jacks for adding a second tape deck; end of tape Auto-Stop to prevent tape damage; 3-digit tape counter to help find selections; mike inputs and headphone jack; speaker selector with Quadvox® circuitry that adds simulated four-channel sound when you use four speakers. Beautiful walnut vinyl veneer finish and brushed aluminium front panel. Come in and hear this outstanding "all-in-one" value! 14-653 ..... 469.95

## Loaded with Features!

CrO2



Selector for best sound from CrO2 or normal tapes

DOLBY NR



Dolby NR works on record & play for less noise, more music

- Smooth-Operating Cassette Transport with Pushbutton Controls and Soft-Eject Door
- Dual Lighted Meters Make It Easy to Set Recording Levels
- Full Auto-Stop at End-of-Tape

\*TM Dolby Laboratories

## GOOD SYSTEM

### Modulaire-969 System

**SAVE  
\$70<sup>80</sup>**

Regular Separate  
Item Price  
699.80

**629**



- Modulaire-969 AM/FM Stereo Receiver/Cassette 14-653
- Two Minimus-9 Walnut Veneer Speakers 40-255
- LAB-1600 Semi-automatic belt drive turntable 42-9584

## BETTER SYSTEM

### Modulaire-969 System

**SAVE  
80<sup>80</sup>**

Regular Separate  
Item Price  
749.80

**669**

- Modulaire-969 AM/FM Stereo Receiver/Dolby NR Cassette. 14-653
- Two Minimus-9 Walnut Veneer Speakers 40-914
- LAB-1600 Semi-automatic belt drive turntable 42-9585







## Top of the Line! Stereo That Sounds Like "Home Hi-Fi"

**NEW  
FOR '81**

**259<sup>95</sup>**



- Auto-Search Quickly Finds Next Selection on Cassettes
- Built-In 2-Way Speaker Systems with Separate Woofers and Tweeters
- Built-In Electret Mikes

Available Nov. 30, 1980

### New Automatic Search Music System

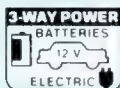
Find your favorite selection fast! ASMS senses the "silence" between songs during fast-forward and rewind. You can advance the tape to the start of the next selection — or replay a selection — with the touch of a button!

**Realistic SCR-3.** This one does it all — play pre-recorded cassettes, tune AM, FM or FM stereo and record tapes "live" using the two built-in electret mikes. And with mike-mixing you can even "sing-along" during playback. Seven function keys, including pause and cue-review, plus full auto-stop and LED indicator for "search" mode. Tape selector gives you optimum results with normal or CrO2 cassettes. Separate volume, balance, and tone controls, tape counter and monitor switch for listening while you record. LED display shows output power, recording level, and battery condition, LED FM stereo indicator. Jacks for external remote mikes, speakers, headphone. 27x44x13 cm. AC operation or batteries (not incl.) or external DC power. 14-772 ..... **259.95**  
12VDC Car/Boat Cord. 270-1533 ..... **4.95**

## Full-Featured, Low-Cost Portable

- Wide-Scope Expands Stereo Image for Added Realism
- Twin Speakers Deliver Wide Frequency Response
- Two Built-In Electret Mikes

**169<sup>95</sup>**



**Realistic SCR-2.** Whenever and wherever you want, enjoy prerecorded cassettes, listen to AM, FM or FM stereo or record your own tapes "Live" with this versatile stereo music centre. No need to adjust recording levels — Auto-level does it for you, automatically. Features include tone and balance controls and slide switches for on/off, band selector, high/low speaker monitor volume and "Wide-Scope" stereo image enhancement. End of tape auto-stop saves batteries and tapes. Built-in tuning/record level/battery check meter, plus LED FM stereo indicator. Headphone, external speaker, and mike jacks. 23x37x26 cm. AC operation or 6 "D" batteries (not incl.) or external DC power.

14-805 ..... **169.95**  
12VDC Car/Boat Adapter. 270-1561 ..... **12.95**



Get it "On Credit" at Tandy — Bankcard, AVCO, AGC available at Tandy Stores



# Triple-Play<sup>®</sup> — Portable AM/FM Cassette Recorders

## King-Size with 2-Way Speaker System

NEW  
FOR '81

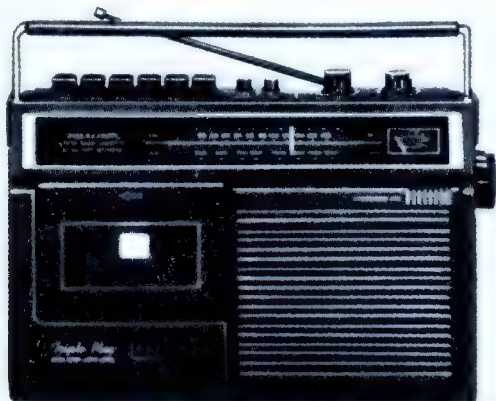
**119<sup>95</sup>**

Available Jan 30, 1981

**Realistic CTR-54.** Our best monophonic AM/FM cassette recorder. You get great recordings everytime without adjustments, because Auto-Level sets the recording volume for you. There's a speaker monitor switch so you can listen as you record, a tape counter to help find musical selections, and end-of-tape Auto-Stop. Also has a tone control, 3-way tuning/record level/battery check meter, jacks for a remote control mike, earphone and aux input for recording from external sources. 23x35x9.5 cm. Earphone included. AC operation or 4 "D" batteries (not incl) or external DC Adapter. **14-816** ..... **119.95**



## All the Most-Wanted Features



**95<sup>95</sup>**



- Battery/Tuning Meter
- Pause Control
- Tape Counter

**Realistic CTR-50.** Enjoy AM/FM or cassettes anywhere you go. Features Auto-Level, Auto-Stop, tone control, speaker monitor, and tape counter. Jacks for remote control mike, aux input, earphone. 17x28x7.6 cm. AC operation or 4 "D" batteries (not incl). or external DC Adapter. **14-810** ..... **95.95**

## Record Live With Our Lowest-Priced Recorder

**79<sup>95</sup>**



- Auto-Level
- Auto-Stop
- Built-In Condenser Mike

**Realistic CTR-46.** Features include LED recording indicator, tone control, speaker monitor, jacks for remote control mike, aux input, and earphone. 19x27x7.6 cm. AC operation or 4 "C" batteries (not incl). or external DC Adapter. **14-839** ..... **79.95**

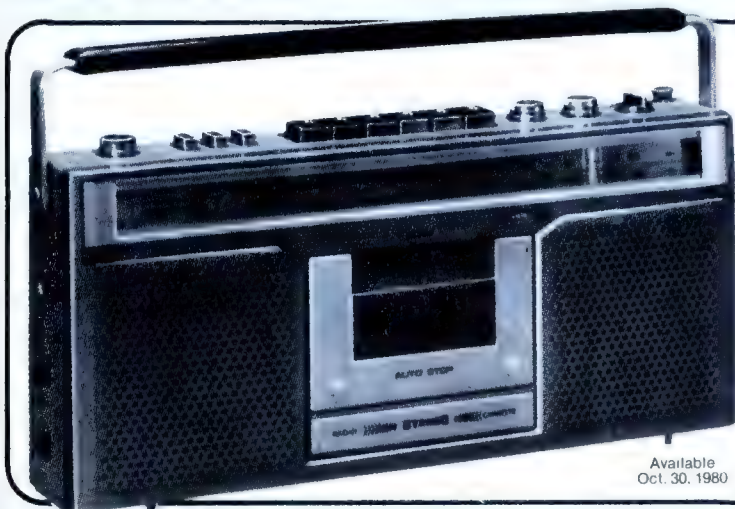
## Compact, Yet Feature-Packed AM/FM Stereo Cassette Recorder

NEW  
FOR '81

**199<sup>95</sup>**

- "Stereo-Wide" Switch for Enhanced Stereo Realism
- LED Level and Tuning Indicators

**Realistic SCR-4.** Everything you need for high-quality stereo recording and listening. Two built-in electret mikes, Auto-Level recording, end of tape auto-stop, pause control, special "sleep" switch and tape counter. Balance and tone controls, LED FM stereo indicator, two-level speaker monitor for listening as you record, headphone jack, jacks for ext. speakers and remote control mikes. 18x37x6.9cm. AC operation or 6 "C" cells or external DC Adapter. **14-774** ..... **199.95**



Available  
Oct. 30, 1980

Use 12VDC Car/Boat Adapter with all four Recorders Above — See Page 35



# Portables That Work On Home, Auto or Battery Power



## "Auto-Repeat" Cassette Recorder

- Pause Control
- Auto-Level
- Auto-Stop
- Built-In Condenser Mike

**119<sup>95</sup>**

**Realistic CTR-47.** Our top-of-the-line monophonic portable! Unique Auto-Repeat with two memory counters replays a portion or the entire side of the tape without touching the controls and cue review lets you find desired passages quickly. Auto-Level for perfect recordings. Normal or CrO<sub>2</sub> tape selector, battery VU meter, record monitor switch. Jacks for remote control mike, aux and earphone. 21x30x8.2cm. AC operation or 4 "D" batteries (not incl.) or external DC adapter. **14-801 ..... 119.95**

## Feature-Packed Recorder

Available Nov. 30, 1980

Digital Counter

**NEW FOR '81**



**89<sup>95</sup>**

Cue/Review

Tone Control

ALC Switch

Condenser Mike

**Realistic CTR-51.** Select Auto-Level for voice or adjust record level manually for music. Built-in condenser mike, battery condition record level meter, plus jacks for aux input, remote control mike, external speaker/earphone. 5.5x25x17 cm. AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-813 ..... 89.95**

# Take-Anywhere Cassette Portables with Built-In Microphones

## Recorder with Cue-Review

**69<sup>95</sup>**

- Mike Mixing
- Digital Counter



**Realistic CTR-41.** Record from aux jack and external or built-in condenser mike at the same time! Cue/review for audible fast-forward and rewind, Auto-Level, Auto-Stop. Earphone/external speaker jack. 6.9x13x26 cm. AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-841 ..... 69.95**

## Recorder with Digital Counter

**59<sup>95</sup>**

- Auto-Level
- Auto-Stop

**Realistic CTR-40B.** Features built-in condenser mike, battery/record LED, and digital counter to locate any section of the tape. Jacks for remote mike, aux, earphone. 6.9x14x25 cm. AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-818 ..... 59.95**



**12VDC Car/Boat Adapter** Operate every cassette recorder on this page in your car. Plugs into cigarette lighter, reduces voltage from 12V to 6 or 9 volts. **14-844 ..... 7.95**  
**14-9844 Long Barrel Unit..... 7.95**

## AC/Battery Portable

**49<sup>95</sup>**

Popular Priced  
with 3-Way Power

**Realistic CTR-49.** Take it along anywhere! Sliding volume control, End-of-Tape Auto-Stop. Jacks for remote mike, aux, earphone. 7.3x14x26 cm. AC operation or 4 "C" batteries (not incl.) or external DC adapter. **14-809 ..... 49.95**

## Lowest-Priced Recorder

A Real Value  
for Students!

**39<sup>95</sup>**

**Realistic CTR-52.** Built-in condenser mike, Auto-Level, Auto-Stop, and volume control. Jacks for remote control mike, aux, earphone. 6.6x15x27 cm. Requires 4 "C" batteries or external adapter. **14-804 ..... 39.95**  
**AC Adapter. 14-9521 ..... 7.95**

Get it on Credit at Tandy Electronics — Bankcard, AVCO, AGC



# Realistic® Compact "On-the-Go" Cassette Portables



NEW  
FOR 81

## Take-Along Handy Recorder

**89<sup>95</sup>**

- LED Record Indicator
- Built-In Condenser Mike
- 3-Digit Counter

**Realistic Miniset® -8.** Hand-held yet has deluxe features. Rewind/backspace lets you replay a passage without pushing stop. Auto-Level, pause, Auto-Stop. Jacks for remote mike, earphone. 16x13 4.4cm. Requires 4 "AA" batteries or external AC, DC adapter. 14-807 ..... 89.95

## High-Style, Ultra-Slim Recorder

NEW  
FOR 81

**89<sup>95</sup>**

- Continuous Tone Control
- Cue/Review



**Realistic Miniset-9.** No bigger than a small book, but loaded with features. Auto-Level, Auto-Stop, pause control, 3-digit counter, LED record/battery indicator, built-in mike. External jacks for remote control mike, earphone. 3.3x18x11 cm. Requires 4 "AA" batteries or external AC, DC adapter. 14-812 ..... 89.95



**AC Adapter.** Operates these portable cassettes recorders from AC — saves batteries. Converts 240 VAC to 6VDC. 14-9521 ..... 7.95



## Mini-Cassette Pocket Recorder

A Handful  
of Features

**79<sup>95</sup>**

**Realistic Micro-Miniset II.** Easy operation with just one hand! Built-in mike, Auto-Level, LED record/battery indicator, Auto-Stop. External jacks for mike, earphone. 3.0x6.8x2.6 cm. Uses 44-633 mini-cassettes, below. With case. Requires 2 "AA" batteries, or use rechargeable nickel cadmium batteries with optional adapter. 14-815 ..... 79.95  
AC Adapter/Charger 65-735 ..... 7.95  
Rechargeable "AA" Batteries. 23-125 ..... Pkg. of 2/5.99

## Mini-Cassette



Matchbook size cassette for use with Miniset II, above 30 minutes total recording time. 44-633 ..... 3.95



## Full-Feature AM/FM/Cassette Recorder

**99<sup>95</sup>**

- Auto-Level
- Auto-Stop
- Pause
- Tape Counter



**Realistic Miniset-VII.** Versatility in a "take-anywhere" size! Record with built-in mike. Features LED battery indicator, FM-AFC, speaker monitor switch, and a special "sleep" function shuts off radio automatically. External jacks for remote control mike and speaker. 11x21x5.7 cm. With earphone. Requires 4 "AA" batteries or external AC, DC adapter. 14-803 ..... 99.95

## Personal Size Cassette Recorder

**79<sup>95</sup>**

- Built-In Condenser Mike
- Auto-Level • Tape Counter
- Pause Control • Auto-Stop

**Realistic CTR-48.** Don't let its small size fool you! Great for taping lectures, meetings, family events, learning a language and much more! Auto-Level adjusts the recording volume. Pause control makes editing easy. 3-digit tape counter helps you find selections quickly. Other features include end-of-tape Auto-Stop and LED battery/record level indicator. External jacks for remote control mike and earphone or speaker. 11x17x5.0 cm. With earphone, carry case. Requires 4 "AA" batteries or external AC, DC adapter. 14-802 ..... 79.95

For External Remote-Control Microphones, See Pages 52, 53



# Tandy Cassettes — Great Sound, Great Value

## SUPERTAPE METAL Cassette — Rivals Open-Reel Performance



NEW FOR 81

**12<sup>95</sup>**  
C-60

Coercivity (Hc) (Nominal): 1100 Oerstedts; Retentivity (Br) (Average): 3200 Gauss; Dynamic Range: 68 dB.

Available Oct. 30, 1980

State of the Art! Coated with fine-grain metal particles — not oxide — Supertape Metal's improved magnetic properties give greater output at both high and low frequencies and unbelievably low noise levels. This increased dynamic range means you can record solid bass and soaring highs that really sparkle — for true music reproduction that is virtually indistinguishable from open-reel tape. Supertape Metal has the sound you've always wanted from a cassette tape. For recorders with metal-bias switch position. Playable on any cassette deck. **44-960 . . . . . 12.95**

## SUPERTAPE CHROME Cassettes for Wide Dynamic Range



Low **4<sup>95</sup>**  
As C-60

Coercivity (Hc) (Nominal): 530 Oerstedts; Retentivity (Br) (Average): 1660 Gauss; Dynamic Range: 64.1 dB.

High-bias Chromium Dioxide formula captures the loudest and softest passages while minimizing noise. Greater high-frequency headroom preserves "detail" for superb sound. For recorders with CrO<sub>2</sub> bias switch. Playable on any cassette. Head-cleaning leader tape for perfect recordings. Includes hinged storage case.

Cat. No.	Type	Total Recording Time	EACH			
			1-11	12-23	24-47	48-Up
44-930	C-60	60 minutes	4.95	4.65	4.35	3.95
44-931	C-90	90 minutes	5.95	5.55	5.15	4.65



## SUPERTAPE GOLD Premium Quality Ferric-Oxide Tape

The ultimate in audio response from a ferric tape at normal bias! Precision housing is shielded against hum, and cuts wow/flutter. With hinged storage case and head cleaning leader tape.

Coercivity (Hc) (Nominal): 335 Oerstedts; Retentivity (Br) (Average): 1500 Gauss; Dynamic Range: 60.4 dB.

Low **2<sup>99</sup>**  
As C-45

Cat. No.	Type	Total Recording Time	EACH			
			1-11	12-23	24-47	48-Up
44-920	C-45	45 minutes	2.99	2.69	2.39	2.09
44-921	C-60	60 minutes	3.49	3.19	2.89	2.49
44-922	C-90	90 minutes	3.99	3.59	3.29	2.89
44-923	C-120	120 minutes	4.99	4.49	3.99	3.39

## Realistic Low-Noise Cassettes with Exclusive "Hi-Flux Density"



Low **1<sup>99</sup>**  
As C-30

Our general-purpose cassettes feature Hi-Flux Density oxide for high output, wide frequency response, low noise and distortion at moderate cost! Ideal for voice or music. Precision housing cuts friction and reduces wow and flutter. Hinged storage case included.

Cat. No.	Type	Total Recording Time	EACH			
			1-11	12-23	24-47	48-Up
44-601	C-30	30 minutes	1.99	1.89	1.79	1.69
44-602	C-60	60 minutes	2.39	2.19	1.99	1.79
44-603	C-90	90 minutes	2.99	2.69	2.39	2.09
44-604	C-120	120 minutes	3.39	3.09	2.79	2.49

## Quality Sound Reproduction at a Very Affordable Price! Our Popular CONCERTape® Cassettes

A smart choice for voice and general-purpose recordings. Use shorter tapes for "voice letters," longer tapes for concert length recordings. All have heavy-duty Polyester base that resists breakage and stretching.



### Low As **3<sup>49</sup>** 3-Pack Recording Tape C-30

Cat. No.	Type	Recording Time Each Cassette	EACH 3-Pack	
			1-11	12-Up
44-606	C-30	30 minutes	3.49	3.29
44-607	C-60	60 minutes	3.99	3.79
44-613	C-90	90 minutes	5.49	5.19
44-614	C-120	120 minutes	6.99	6.49

### Single-Pack Recording Tape



**1<sup>99</sup>**  
C-90

**1<sup>39</sup>**  
C-60

Cat. No.	Type	Recording Time Each Cassette	EACH
44-605	C-60	60 minutes	1.39
44-620	C-90	90 minutes	1.99

## Mini-Cassettes

15 Minutes Each Side **3<sup>95</sup>**

Ideal for dictation, memos, voice, notes. Fits rim-drive recorders such as Realistic's own Minisette II, Norelco, Dictaphone, Lanier

Cat. No.	Total Record Time	EACH	
		1-9	10-Up
44-633	30 minutes	3.95	3.65



## Micro-Cassettes

30 Minutes Each Side **4<sup>99</sup>**

Available Oct. 30, 1980

The smallest cassette made. Designed for capstan-drive recorders such as Olympus, Panasonic, Sony, others.

Cat. No.	Total Record Time	EACH	
		1-9	10-Up
44-640	60 minutes	4.99	4.59



Your Local Tandy Store Can Offer You Quantity Discount Prices on Large Quantity Orders



# Tandy is the Place to Buy 8-Track Recording Tape



Stock Up at  
Tandy's  
Low "Quantity" Prices

## SUPERTAPE Lab Standard 8-Track Tape

•Special Fine-Grain Oxide for Wider-Frequency Response •Low Noise  
•Extended Dynamic Range •Quality at Low "Quantity" Prices

Manufactured in the USA in  
Tandy's Own Factory

Super sensitivity and smooth response lets you record better sounding tapes than you can buy! High-output, low-noise formulation reduces "hiss". Back-coated with a special lubricant to help reduce head wear, while increasing tape life. Tough tensilized Polyester base resists stretching and breaking.

Low  
As **3<sup>95</sup>**  
45 Min

Cat. No.	Total Recording Time	EA			
		1-11	12-24	25-49	50-Up
44-842	45 minutes	3.95	3.65	3.55	3.45
44-843	90 minutes	4.95	4.55	4.35	4.15

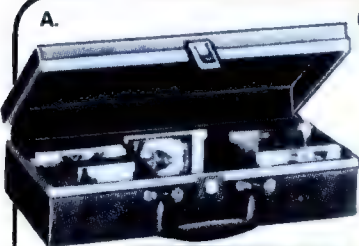
## Economical Realistic 8-Track Tape

Our Own Special-Formula Oxide Coating Captures  
More of the Music with Less Noise

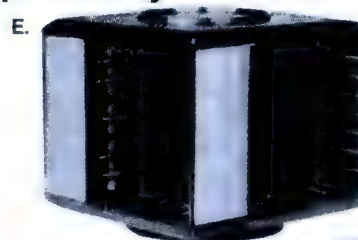
Record your own cartridges from any source at low cost. Friction-reducing lubricant increases tape life and reduces head wear for trouble-free recording and playback. Polyester base resists breaks, stretches, and the effects of age and humidity. At our low "quantity" prices, it's smart to stock up.

Cat. No.	Total Recording Time	EA			
		1-11	12-24	25-49	50-Up
44-840	40 minutes	2.95	2.75	2.65	2.55
44-841	80 minutes	3.65	3.35	3.15	3.05

Low  
As **2<sup>95</sup>**  
40 Mins



All Units less  
cassettes



**A. 24 Cassette Attache Case.** Carry and protect your favourite cassettes, in style, with this rugged case featuring a brown leather-grained vinyl exterior, brown velour interior, and brushed aluminium trim. 11x21x37 cm. **44-663 ..... 19.95**

**B. Cassette Carry Case.** A new product from Tandy's famous Realistic line. This cassette case holds up to 12 cassettes in their cases very comfortably. Acts both as a tape library and protection against dust, moisture and hard knocks. With carry handle. **44-9670 ..... 4.95**  
Folding design with handle for home or car use. Index labels included.

**C. 12-Cassette Album.** 27x24x3.1 cm. **44-612 ..... 6.95**

**D. 24-Cassette Album.** 27x24x6.9 cm, **44-609 ..... 10.95**

**E. Cassette Carousel.** Cassette library holds 32 cassettes, horizontally. Easily revolved, stack one upon another for convenient library. **44-9672 ..... 4.99**

**F. Low-Cost Cassette Storage Case.** Smoke-tinted cover protects tapes against dust — lifts off for easy access. 7.9x32x11cm. **44-665 ..... 6.95**  
Take your music tapes with you. Ideal for use with portables or in your car. All have sturdy carrying handles and scuff-resistant padded vinyl construction.

**G. 44-659. Holds 10 cassettes ..... 9.95**

**H. 44-657. Holds 12 ..... 9.95**

**H. 44-658. Holds 24 ..... 16.95**

**I. Deluxe 36-cassette cabinet.** So attractive it looks like part of your component system — sturdy wood construction with vinyl teak veneer, decorator black drawers. Keeps a total of 36 cassettes (12 in each drawer) close at hand and protected from dust. Non-mar rubber feet protect your furniture. 40x32x12 cm. **44-8007 ..... 29.95**



# Tandy For A Full Range of Open-Reel Tape

## Supertape® — Premium Quality Recording Tape



Low As **5<sup>99</sup>** 5" Reel • Super-Calendered for a Mirror-Like Surface  
 • Wide Dynamic Range — Captures All the Music

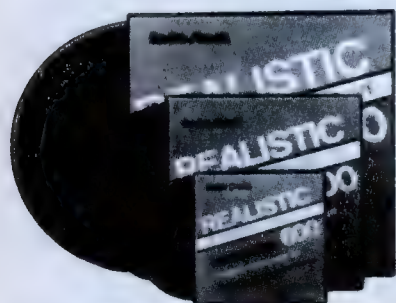
Supertape brings out superb sound from any recorder, without special bias settings. Our carefully controlled calendering produces a smoothness which minimizes tape and head wear, and you get superior sensitivity and wide frequency response, too. Polyester base has high tensile strength and resists deterioration due to age and humidity.

Cat. No.	Reel Size	Feet	Mil	Base	Each	
					1-9	10-499
44-1872	5"	900	1.0	Standard	5.99	5.29
44-1878	7"	1200	1.5	Standard	8.99	7.99
44-1877	7"	1800	1.0	Standard	9.99	8.89
44-1880	7"	3600	0.5	Tensitized	16.99	14.99

### Supertape's Super Specs

Frequency Response:  
 1 kHz ..... 0 dB  
 10 kHz ..... +0.5 dB  
 15 kHz ..... +0.8 dB  
 20 kHz ..... +1.3 dB  
 Dynamic Range: ..... 63.0 dB  
 Coercivity (Hc): ..... 300 Oersteds  
 Retentivity (Br): ..... 1220 Gauss  
 \*Reference Tape 3M-207

## Buy Realistic Tape in Quantity and Really Save!



3" Reel Low As **1<sup>69</sup>**

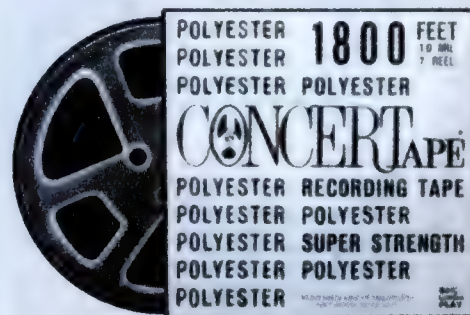
- Wide Frequency Response
- Durable, Long-Lasting

A high-quality open-reel tape with uniform oxide coating for wide frequency response, excellent signal-to-noise ratio. Standard Polyester base resists temperature and humidity changes without growing brittle. Tensitized Polyester base has extra strength to resist stretching.

Cat. No.	Reel Size	Feet	Mil	Base	Each			
					1-5	6-9	10-49	50-499
44-734	3"	225	1.0	Standard	1.69	1.59	1.49	1.39
44-760	3 1/4"	600	0.5	Tensitized	3.19	2.99	2.89	2.79
44-753	5"	900	1.0	Standard	4.29	3.99	3.89	3.69
44-752	5"	1200	0.5	Tensitized	5.99	5.69	5.49	5.09
44-754	7"	1800	1.0	Standard	7.69	7.25	6.99	6.49
44-758	7"	2400	0.5	Tensitized	8.99	8.45	8.15	7.59
44-766	7"	3600	0.5	Tensitized	12.99	12.25	11.89	11.09

Low Cost, Low-Noise Recording Tape

## Budget Priced Concertape®



**4<sup>29</sup>**

All-Purpose Recording Tape

Great for voice and all general-purpose recording. Heavy-duty Polyester base resists breakage and stretching. 1800 feet, 7" reel. 44-1018 ..... 4.29

## Accessories for Your Reel-to-Reel Tapes and Recorder

### 7" Metal Reel

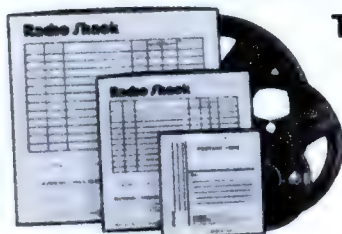


**7<sup>95</sup>**

"Pro" Quality

Won't crack, split or warp. Brushed, anodized aluminum finish. With storage box.

44-280 ..... 7.95



### Tape Reels with Boxes

Tough Plastic Reels. Hinged Box Design with Index and Timing Chart.

Low As **49<sup>c</sup>**

Cat. No.	Reel	Each	Cat. No.	Reel	Each
44-273	3"	.49	44-278	5"	1.99
44-1000	3 1/4"	.55	44-279	7"	2.29

### Tape Reel Holders

**1<sup>19</sup>**

Pkg. of 2

Keeps reels seated and wobble-free. 44-1068 ..... Pkg. of 2/1.19

### Color-Coded Leader Tapes

Ideal for Editing **2<sup>19</sup>**

Two 150' reels of 1/4" Polyester tape, 1 red, 1 white. 44-1053 ..... 2.19

### Splicing and Sensing Tape

**1<sup>99</sup>** **1<sup>29</sup>**



**A Sensing Tape.** Stops or reverses recorders with contact or photo-sensing systems. 254cm 44-1155 ..... 1.99

**B Splicing Tape.** Repair old tapes or use for making edits. Tough Polyester base. Resists age, heat, humidity.

Fig.	Width	Cat. No.	Each
B	1/4"	44-1125	1.29
B	3/8"	44-1126	1.29
B	1/2"	44-1127	1.29

Tandy manufactures Its Own Recording Tape in the USA



# Low-Cost Accessories for "Pro" Recording Results

## Tape Head Demagnetizer



**9<sup>95</sup>**

Demagnetizes cassette or Reel-to-Reel heads in seconds. Keeps your recorder in peak condition. 44-9506 ..... 9.95

## Deluxe Head Demagnetizer



**19<sup>95</sup>**

NEW FOR 81

For highly efficient demagnetization of cassette or reel-to-reel heads. Removes permanent magnetism from heads. 1.5m cord, on/off switch and insulated tip. 44-9507 ..... 19.95

## Magnetic Bulk Tape Eraser

Erases 8-Track, Cassette, Open-Reel Tapes and Computer Disks

**24<sup>95</sup>**



The fastest and best way to erase tapes! Not only erases, but reduces noise levels below recorder's own erase head level. For open-reel, cassette, 8-track tapes and computer floppy discs. Hi-impact molded housing. On-off switch conveniently located on side of handle. Not for metal tapes. AC operation. 44-9210 ..... 24.95

## Micro/Mini Cassette Tape Eraser

NEW FOR 81



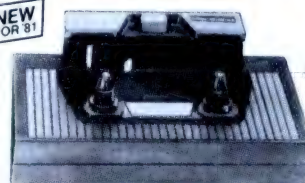
**7<sup>95</sup>**

- For All Mini & Micro Cassettes
- Cordless — No Power Required

Removes recorded material on all micro and mini cassettes in 2 seconds. Built-in magnet provides strong demagnetizing field, with no outside power or batteries required. Ideal for home or office use. 44-230 ..... 7.95

## Electric Cassette Tape Winder

NEW FOR 81



Automatic Shut-Off at End-of-Tape

**10<sup>95</sup>**

Rewind one cassette while you listen to another! Or use your cassette deck for continuous recording without the bother of stopping to rewind tapes. Fits most home or auto cassette tape racks. Typical cassette rewind times in seconds: C-30, 25; C-60, 45; C-90, 60; C-120, 90. Requires 3 "AA" batteries. 44-209 ..... 10.95

## Heavy-Duty Carry Strap



For Portable Radios and Tape Players

**7<sup>95</sup>**

Durable nylon web carry-strap makes portables easy to tote. Fully adjustable, with sturdy metal clasps for easy "snap-on" attachments. 44-690 ..... 7.95

## Precision Tape Splicers

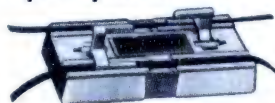
**7<sup>95</sup>**



Includes Roll of Splicing Tape

Repair or edit your own tapes. Chromed cut/trim lever makes diagonal cuts, adjusts to trim away excess splicing tape. Open-Reel. 44-212 ..... 7.95  
Cassette. 44-214 ..... 7.95

## Universal Dual-Track Tape Splicer



Cuts/Splices All Tape Widths

**2<sup>95</sup>**

Splices cassette, 8-track and reel-to-reel tapes with ease. Position tape, cut with razor blade (included), apply splicing tape, trim away excess. With instructions. 44-216 ..... 2.95

## Cassette Fast-Winder



**5<sup>95</sup>**

Fast-wind tape by hand while listening to others. Winds a C-90 cassette in just 60 seconds — faster than most recorders do! 44-213 ..... 5.95

## Car/Boat Adapter



Saves Batteries

**7<sup>95</sup>**

Powers 6 or 9V portable radios, recorders from cigarette lighter socket of any 12VDC negative ground vehicle. 14-844 ..... 7.95  
14-9844. Long Barrel Unit .... 7.95  
(Suits most Ford cars)

## On-Off Foot Switch

**4<sup>95</sup>**



Great for dictation or transcribing tapes. Plugs into remote control jack of recorder. 44-610 ..... 4.95

## On/Off Switch



For Cassette Recorders

**3<sup>99</sup>**

Remote start/stop without adjusting controls. Insert sub-mini plug fits remote control jack. 44-777 ..... 3.99

## Telephone Pickup Coil



**1<sup>79</sup>**

For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, 1/8" mini-plug. 44-533 ..... 1.79



# Tape Equipment Care and Cleaning Accessories

## Electronic Cassette Demagnetizer



**24<sup>95</sup>**

NEW FOR 81

- Demagnetizes in Less Than a Second
- Reduces Noise Level and "Hiss"
- Prevents Loss of High Frequency Response

Demagnetizes the heads of your cassette recorder just as easily as loading a cassette! Ideal for "slot load" and hard to reach auto cassette players as well as portables and car stereos. Completely automatic with LED indicator. Includes long-life batteries for up to 500 applications. 44-1165 . 24.95

## Tape Head Cleaning Kit

NEW FOR 81



**8<sup>95</sup>**

Get better tape recording and playback every time! Complete set of tools for cleaning and inspecting typical path of tape travel — guides, heads, capstan and pinch roller. For cassette, 8-track and open-reel tape decks. 44-222 ..... 8.95

## Cassette Demagnetizer and Head Cleaner



**6<sup>95</sup>**

*Extends Tape Life, Reduces Hiss and Noise*

Insert for 60 seconds following every ten hours of equipment operation to prevent loss of "highs" and give your tapes longer life. Great for car players, cassette decks and portables. Cordless. 44-631 ..... 6.95

## Professional-Quality Head Cleaning Kit

For Audio & Video Tape Equipment

NEW FOR 81

**3<sup>99</sup>**



Includes one 6 dram bottle of special Freon solvent and six lintless foam swabs for cleaning both video and audio recording heads. 44-1170 ..... 3.99

## Cassette Repair Kit

**1<sup>49</sup>**



Lets you transfer cassette tape from a damaged or defective housing to a new one. With 61 cm leader tape and instructions. 44-626 ..... 1.49

## Cassette Doubleheader

**2<sup>99</sup>**



Restores fidelity and extends tape life by removing harmful oxide deposits from tape heads. Keeps capstans clean for trouble-free operation. 44-1162 ..... 2.99

## 8-Track "Doubleheader"

**2<sup>95</sup>**

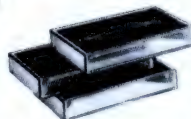
Easy-to-Use



8-track head and capstan cleaner. Insert each end of cartridge for 10 seconds to fully clean heads and capstans. 44-208 ..... 2.95

## Cassette Storage Boxes

**1<sup>49</sup>**



Keeps cassettes clean. See-thru plastic door lets you identify titles at a glance. 44-611 ..... Pkg. 3/1.49

## 8-Track Head Cleaner

**2<sup>19</sup>**



For home or car. "Play" for 10 seconds — removes oxide from heads, restores volume. Cordless. 44-1161 ..... 2.19

## Cassette Head Cleaner

**2<sup>19</sup>**



Removes oxide deposits. Insert for 10 seconds after each 10 hours of equipment use. Cordless. 44-1160 ..... 2.19

## Plastic Cassette Mailers

**1<sup>29</sup>**

3-Pack



Mail cassette "letters". Durable plastic box. With mailing labels. 44-608 ..... Pkg. 3/1.29

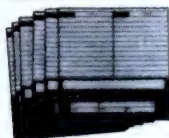
## Economy Cassette Mailers

**1<sup>39</sup>**

6-Pack



For "voice letters." Heavy-duty cardboard. With mailing labels. 44-632 ..... Pkg. 6/1.39



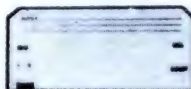
## Cassette Insert Labels

Pkg. of 20 **1<sup>49</sup>**

Replace old labels for writing down new recordings. Labels fits standard tape boxes. 44-623 ..... Pkg. 20/1.49

## Index Labels

**1<sup>49</sup>**



Cassette. Pkg. of 24. Colour-coded. 44-621 ..... 1.49

## Cleaning Cloths

**1<sup>89</sup>**

Pkg. of 4



Chemically treated to gently clean tapes, equipment or polish dust covers. 44-1088 ..... Pkg. 4/1.89

## 8-Track Dust Covers

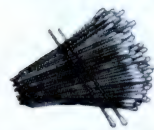
**1<sup>59</sup>**

Pkg. of 10



Protect your cartridges. Instantly snap on, snap off. Sturdy plastic. 44-206 ..... Pkg. 10/1.59

## Head Cleaning Sticks



**1<sup>59</sup>**

Pkg. of 100

15 cm wood sticks with cotton tips for cleaning in hard-to-reach places. 44-1093 ..... Pkg. 100/1.59

## Head Cleaner Spray

Easy to Use

**2<sup>19</sup>**

200 gram



Extension nozzle reaches anywhere to "spray away" grime, oxide build-up. 44-1011 ..... 2.19

## "Non-Slip" Solvent

**1<sup>39</sup>**

Stops slippage. For idler wheels, pulley belts, cords. Fast drying. 57 gms. 44-1013 ..... 1.39



## Recorder Cleaner

**1<sup>39</sup>**

Thoroughly cleans heads, guides, rollers, all metal parts. 57 gms. 44-1010 ..... 1.39



## Tape Head Lubricant

**1<sup>19</sup>**

Minimizes wear and removes oxide deposits. Ideal for recorders and players. 44-1009 ..... 1.19



Get It On Credit — Bankcard, AVCO, AGC Available at Tandy Stores



# Realistic® is Music to Your Ears—At Low Prices

## Value-Priced Nova-40



**24<sup>95</sup>** • 30-18,000 Hz  
• 3m Coiled Cord

Feature-packed at a budget price! 3½" drivers deliver full-range sound from deep bass to soaring highs. Cushioned earcups with padded, adjustable headband for listening comfort. 33-993 ..... 24.95

## Nova-16 Built-In Controls



**19<sup>95</sup>** • 50-15,000 Hz  
• Glide-Path® Controls

They're comfortable and lightweight for hours of listening pleasure, and you can easily adjust the left and right volume levels and balance as desired. Adjustable foam-padded headband and air-cushion earpads. 33-1019 ..... 19.95

## Nova-10—Stereo On a Budget



**15<sup>95</sup>** • Wide Frequency Response  
• High-Efficiency Design  
• 3m Cord

Discover private stereo listening with our lowest priced headphones! The 2" speakers provide good bass response, and the adjustable vinyl headband and cushioned earpads give a natural, airtight fit for comfort. 33-1012 ..... 15.95

## Nova-Fone® Earphone

**7<sup>99</sup>**

- Comfortable
- Wide Response



It sounds like a speaker because it is a speaker! Since it completely covers the ear, you get superior sound. ⅛" plug fits most portables. 8 ohms. 33-1036 ..... 7.99

## Deluxe Pillow Speaker

**5<sup>99</sup>**

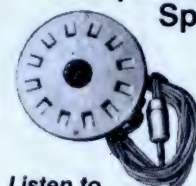
Volume  
Control



Slip it under your pillow for "private" listening. ⅛" mini plug fits most clock radios and portables. 33-207 ..... 5.99

## Compact Pillow Speaker

**2<sup>99</sup>**



**Listen to Music While You Rest**  
Listen without bothering others. Precision speaker with ⅛" mini plug that fits most clock radios and portables. 33-206 ... 2.99

## Stereo/Mono DUōPHONE®

**10<sup>95</sup>**

- Stereo/Mono Switch
- Dynamic Elements

Lightweight design with comfortable foam earpads and built-in switch allows operation from any ¼" headphone jack. 8 ohms. 33-196 ..... 10.95



## Earphones & Headphone Accessories Add Convenience to Radios, TVs, Stereos

### Coiled 7.3m Extension Cord



**7<sup>99</sup>**

Lets you move about freely anywhere in the room without cord tangling. Heavy-duty cable with ¼" plug and jack. 42-2443 ..... 7.99

### 6.0m Headphone Extension



**5<sup>99</sup>**

You can easily listen anywhere in the room. Non-coiled flexible cable with ¼" plug and jack. 42-2442 ..... 5.99

### Headphone Y-Adapter



**4<sup>99</sup>**

Share your stereo listening enjoyment. Lets you connect two headphones to a single ¼" phone jack. 42-2448 ..... 4.99

### Earphones



**1<sup>49</sup>**

Fits most portable radios and recorders. ⅜" Plug. 33-174 ..... 1.49  
⅛" Plug. 33-175 ..... 1.49

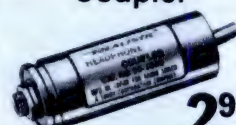
### 6.0m Earphone Extension



**1<sup>99</sup>**

⅛" mini jack and plug fits most transistor radios, TV sets, recorders. 33-176 ..... 1.99

### Headphone Coupler



**2<sup>95</sup>**

Lets you enjoy stereo headset listening with equipment having no headphone jack — attaches to speaker terminals. 33-1009 ..... 2.95



# Discover Stereo Headphone Hi-Fi Realism

## PRO-IIA — Our Finest Hi-Fi Headphones

**69<sup>95</sup>**

- 10-22,000 Hz
- Low Distortion

Available Oct. 30, 1980

You'll get superb stereo listening because they feature special Mylar diaphragm drivers for a response that's a full two octaves beyond the range of ordinary headphones. Effective cone radiating area is over 12 square inches so you hear the highest highs and the lowest lows with sparkling clarity. The rugged 1" voice coils are virtually burnout-proof. Air-filled earcushions and heavily-padded, adjustable headband for extra comfort. 3.0m coiled cord. **33-996 ..... 69.95**

## "Hi-Velocity" Vented LV-10

**49<sup>95</sup>**

- 20-20,000 Hz Response
- Weigh Less Than 284 grams

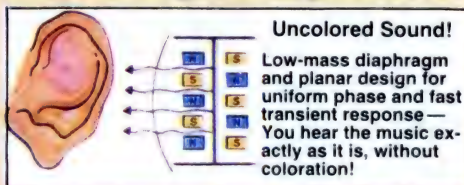
Perfect for listening to today's music. The unique electro-acoustical design and 2" dynamic elements can deliver all the punch of a "Live" rock concert. The back of the earpieces are vented to deepen bass without raising resonance or inhibiting response. Distortion is less than 0.5%! Low silhouette styling with vinyl-covered headband and self-adjusting yokes for extra comfort. 3m lightweight coiled cord.

**33-1004 ..... 49.95**

## PRO-30 with Planar Drivers — Ultra-Lightweight Comfort

**39<sup>95</sup>**

- 20-20,000 Hz Response
- Uniform Phase Design
- Rare Earth Magnets



Try them on for great stereo! The low-mass planar drivers have excellent transient response for "open", "clean" sounding highs. Adjustable, soft-cushioned earpieces quickly detach from the plastic headband for compact storage. 3 m lightweight coiled cord.

**33-995 ..... 39.95**

## PRO-20 — Great Sound at a Popular Price

**36<sup>95</sup>**

- 20-16,000 Hz
- Superior Bass

These stylish headphones are a real value and deliver a full frequency response, with special 2½" "low-angle" drivers for outstanding bass. Constructed with a "snap-fit" headband assembly and soft foam-filled vinyl earcushions contoured to the ear for comfort. 3 m coiled cord. **33-1008 ..... 36.95**

## Nova-PRO with Dual Volume Controls

**39<sup>95</sup>**

- 20-20,000 Hz
- Vinyl Diaphragm Drivers

Now you can have great stereo sound at your fingertips! Dual controls let you adjust volume and balance just the way you like it — without leaving your chair. Rugged drivers handle loud volume levels easily. Padded, adjustable headband and foam-filled earcushions. 3 m coiled cord. **33-1014 ..... 39.95**

All Realistic Headphones Include ¼" Plug and Are Designed for Low Impedance Use



# Record Cleaners and Accessories for Better Sound

## Carbon/Foam Turntable Mat

**6<sup>95</sup>**



- Anti-Static
- Anti-Resonant

Disc-O-Mat cuts audible "crackle and pop," reduces dust attraction on records.

42-362 ..... 6.95

## Hydro-Stor Cylinder

**6<sup>95</sup>**



With Fluid



Velvet-covered cleaner protects your discs and stylus for noise-free listening. 11x2.8cm dia.

42-101 ..... 6.95

## Stylus "Micro" Scope

**1<sup>99</sup>**



GOOD! BAD!

NEW FOR 81

Shows When It's Time for Replacement

Protect your investment. Pocket-sized, lets you examine your stylus for uneven wear that ruins records.

42-2756 ..... 1.99



## Cleaning Fluid

**2<sup>29</sup>**

Controlled-Flow Tip

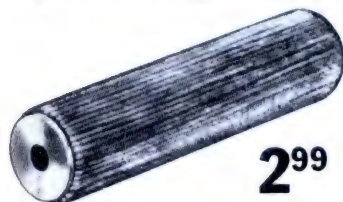
Anti-static fluid cleans records and styli. Can be used with all fine record cleaners.

118 ml bottle. 42-105 ..... 2.29



## Low-Cost Record Cleaner

**2<sup>99</sup>**



Cleans all records and styli to protect and prolong life. Fits easily in hand. 42-135 ..... 2.99

## Record Clamp Stabilizer

**6<sup>95</sup>**

NEW FOR 81



Helps flatten warped records. Eliminates vibration. Deluxe Strobe Disc checks turntable speed. 42-111

..... 6.95

## Wet Or Dry Record Cleaner

**4<sup>95</sup>**



Velvet-covered ionizer cleaner removes dust and dirt, fights static.

42-130 ..... 4.95

## Replacement Head Shell

**5<sup>95</sup>**

Low Mass



Fits most tonearms. With leads, mounting hardware.

42-2752 ..... 5.95

## Record Sleeves

**2<sup>99</sup>**

Pack of 10



Vinyl lined. Fit all LPs. 42-132 ..... 2.99

## Deluxe Stylus Force Gauge

Easy to Use

**2<sup>99</sup>**



Balances tonearm for proper force.

42-137 ..... 2.99

## Record Rack

**6<sup>59</sup>**

Holds 40 LPs



Organize and protect all your records.

42-136 ..... 6.59

## LP Cleaner Spray

**1<sup>95</sup>**

200 gms

With Cloth



Spray away record noise and wear.

42-2500 ..... 1.95

## Stylus Cleaner & Brush

**1<sup>99</sup>**

Removes harmful particles from stylus. 35 grams.

42-1074 ..... 1.99



## Record Cleaning Kit

**2<sup>29</sup>**



Special cleaning fluid, applicator, and brush.

42-1085 ..... 2.29

## 45-RPM Spindle



A. Manual. Fits over standard spindle. 42-120 ..... 49c

B. Inserts. Snap into 45 RPM records. 42-103 ... Pkg. 40/1.69

C. Automatic. For Modulaire and all BSR mini-changers. 42-3000 ..... 1.99

## Clip-On Disc Brush

**69<sup>c</sup>**



Clean your records as you play them. Fits easily onto tonearm.

42-1073 ..... 69c

## Brush/Arm Lift

**1<sup>19</sup>**



Cleans as record plays, also provides fingertip arm lift.

42-1072 ..... 1.19

## Strobe Disc For All 4 Speeds



**79<sup>c</sup>**

For checking your turntable speed accuracy in RPM.

42-268 ..... 79c

## Enduro Clean Pad

**98<sup>c</sup>**



Keep your records clean for longer life.

Just wet and wipe dirt away. 42-121 ..... 98c

## Foam Phono Cushions

Low As

**1<sup>19</sup>**

25cm and 30 cm



Anti-resonant, supports record.

25cm. 42-360 ..... 1.19  
30cm. 42-361 ..... 1.59



# Get Higher Fidelity from Clean Dust-Free Records



**Professional Stylus Brush**

**9<sup>95</sup>**

**With Liquid**

Restores full fidelity by eliminating distortion-causing dirt. Precision-located mirror for closeup stylus tip inspection.

42-100 ..... 9.95



**Hydro-Stor Record Care System**

**12<sup>95</sup>**

**Protects Records**



**With Liquid**

Vapor penetrates velvet-surfaced cleaner, creating a field of humidity that reduces static charges. Cleans easily, no residue buildup. 42-102 ..... 12.95

**Tandy Disc Cleaner**

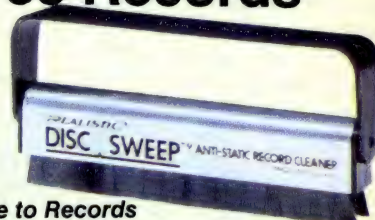


**6<sup>95</sup>**

Arm motion cleans dust and grime from records while they're playing. Use anti-static lubricant. With anti-static cleaning fluid. 42-9810 ..... 6.95

**Carbon Fiber Brush**

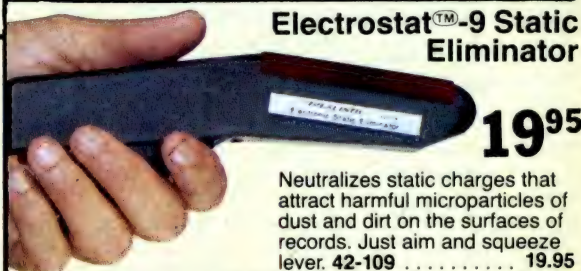
**10<sup>95</sup>**



**Adds Years of Life to Records**

Clean your records with a sweep of over one million static-cutting fibers! 42-110 ..... 10.95

**Electrostat™-9 Static Eliminator**



**19<sup>95</sup>**

Neutralizes static charges that attract harmful microparticles of dust and dirt on the surfaces of records. Just aim and squeeze lever. 42-109 ..... 19.95

## Replacement Diamond Styli

Renew or upgrade your present stylus — don't let a worn stylus damage your records! All styli are shadow-graphed for uniform quality and response, so you're sure of getting only the best from a Realistic stylus!

Cat. No.	Manufacturers' Cartridge or Stylus No.	Goldring Stylus No.	Price	Cat. No.	Manufacturers' Cartridge or Stylus No.	Goldring Stylus No.	Price	Cat. No.	Manufacturers' Cartridge or Stylus No.	Goldring Stylus No.	Price
A.D.C.				NATIONAL				SHARP			
42-9573	RK8	558	14.95	42-9629	EPS13TT, EPS13STSD, EPC34TTAD	570SR	14.95	42-9601	STY-707	194	5.95
AUDIO-TECHNICA				42-9617	EPS270ED	616E	21.95	42-9643	Cart-555, STY-555-4CH	D575	14.95
42-9572	VM8-7D	197	14.95	42-9641	EPS-36	629	14.95	42-9644	STY-450	179	5.95
BSR				ONKYO				SHURE			
42-9104	TC8H, TC8M	35	5.95	42-9616	DN-8ST, SN9ST, SN20	163	14.95	42-9609	N75/6/Type 2	414	14.95
42-9105	ST3, ST4	88/2	8.95	42-9636	OC29M, DN-29ST, DN-29STA (SQ)	539SR	14.95	42-9620	N75C	498	14.95
42-9107	ST12, ST14, ST15	442/2	8.95	42-9639	OC-35, DN-35ST	608	14.95	42-9640	M55/E	425E	21.95
42-9108	ST8, ST9	403	5.95	PHILIPS				SONOTONE			
42-9109	ST10	404/2	8.95	42-9600	AG3206, GP306, AG3310	87/2 496 495SR 647SR	8.95 5.95 14.95 14.95	42-9115	3509	444/2	8.95
42-9111	ST16, ST17D	475/2	8.95	42-9605	GP3206, GP228			42-9121	9TA	332/2	8.95
CEC				42-9605	GP204, GP205			42-9602	9T	263/2	8.95
42-9630	MC205	569SR	14.95	42-9628	GP400, RH450C			42-9603	2109, 2509, 2539	445/2	8.95
EXCEL				42-9633	GP215			SONY			
42-9575	S70HR	171	14.95	PIONEER				42-9580	ND125G (P)	600	14.95
42-9608	S70SR	170	14.95	42-9611	PN12, PN110	528	14.95	TETRAD			
GARRARD				42-9612	PN135	593	14.95	42-9549	C-2	464/2	8.95
42-9115	KS40A	444/2	8.95	42-9614	PN11	190	14.95	42-9647	SR/LP + SRLP	520/2	8.95
42-9603	GCM31, GCS35 GCS36, (GSS1)	445/2	8.95	RONETTE				TOSHIBA			
JVC NIVICO				42-9120	BF40, DC284, 400, 105, 106, 208	44	5.95	42-9601	N-3C	194	5.95
42-9621	DT-33H	506	14.95	SANSUI				VARCO			
42-9623	DTZIS	622	14.95	42-9627	SN37, SV37	574SR	14.95	42-9645	SRLP & SRLP	463/2	8.95
42-9632	MD1017, MD172, DT32	534SR	14.95	SANYO				42-9646	TN-4 SRLP & STD	453/2	8.95
42-9638	MD1013Z, DT29	505	14.95	42-9610	ST-14D	164	14.95	VACO			
MITSUBISHI				42-9613	ST-8D	195	14.95	42-9550	65977	325	8.95
42-9637	3D-34, 5005	545SR	14.95	42-9615	ST-27D	579	14.95				
				42-9622	ST-28D	565	14.95				

Shop at Tandy for Value, Service and Reliability



# Upgrade With Realistic/Shure <sup>Diamond</sup> <sup>Magnetic</sup> Stereo Cartridges



**NEW  
FOR '81**

## Advance Into the Future with the Realistic/Shure RXT4

Our best in every way! Its dynamic stabilizer with viscous damping assures outstanding performance, even on warped records, with any turntable capable of tracking at 1½ grams or less. Telescoped stylus for unmatched trackability at an ultra-light ¾-1½ grams — even on the new super-discs. Lowest distortion elliptical stylus (5x18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush.

**42-2773 49<sup>95</sup>**



### Hi-Value Hi-Fi! Realistic/Shure R25EDT

Elliptical diamond stylus for lower distortion (10x18 microns). High fidelity 20-20,000 Hz frequency response. Tracks at 2-4 grams.

**42-2767 19<sup>95</sup>**

**RS3T Stylus.** Replaces R25, Shure M71, M75-ECS series. **42-2768 16.95**



### Wide Dynamic Range! Realistic/Shure R47EDT

Features of R25EDT, plus high trackability down to 1½ grams for lower wear. 20 dB channel separation for superb stereo. Tracks at 1½-3 grams.

**42-2761 27<sup>95</sup>**

**RS5T Stylus.** Replaces R47, Shure M70, M75 series. **42-2762 19.95**



### Ultra-Light Tracking! Realistic/Shure R1000EDT

Smooth 20-20,000 Hz response for high-definition music. Tracks at only ¾-1½ grams. 5x18 micron stylus tip.

**42-2769 39<sup>95</sup>**

**RS8T Stylus.** Replaces R1000, Shure M90, M75 T-2 series. **42-2770 29.95**



How Old Is Your Stylus?  
A New One Will Protect Your Valuable Records!



**RS6E Stylus.** For R27, Shure M73/75E series. ¾-1½ g. **42-2764 23.95**

## Hi-Fi On a Budget! Realistic/ADC QLM30 MK III

**NEW  
FOR '81**



Diamond conical stylus with 20-18,000 Hz, ±3 dB response. Channel separation: 18 dB at 1 kHz. Tracks 3-5 grams. With easy-mount adapter. **42-2772 14<sup>95</sup>**

## Popular Replacement Styli — All Diamond



**RS50E**  
42-2759  
**21<sup>95</sup>**

Elliptical. For ADC QLM34, MK III, P32, K5E.



**RSK8C**  
42-2771  
**12<sup>95</sup>**

Replaces QLM30 and ADC K Series, Conical.

## 5 Pin European Type Y-Adapter



**4<sup>69</sup>**

Use to adapt DIN or hirschman sockets to standard U.S. phono plugs and cables. Includes 15 cm cable with 5-pin socket to 4 phono jacks.

**42-2394 4.69**

## 5-DIN Plug to 4 Phono Plugs



**5<sup>95</sup>**

Incorporates playback and recording facilities in one convenient plug.

**42-9522 5.95**

## 5 Pin DIN to 2 Miniature Phone Plugs



**4<sup>69</sup>**

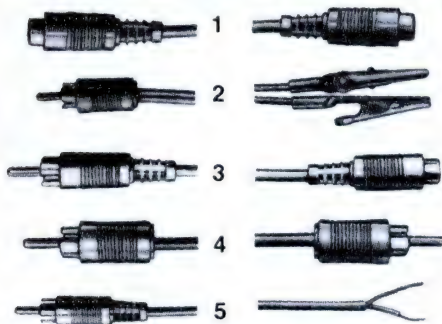
Converts 5-Pin DIN stereo plug to 1/8" miniature phone plugs. Includes 76cm cable.

**42-9251 4.69**



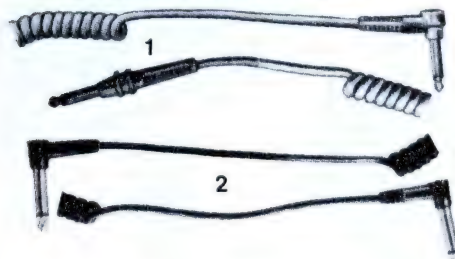
# Wide Choice of Audio Cables, Connectors and Adapters

## Phono Plug Cable Assemblies



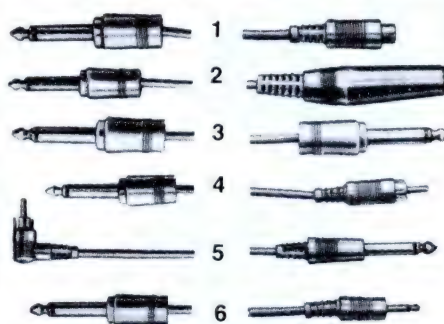
Cat. No.	Fig.	Description	Cm.	Each
42-2358	1	Phono Jack to Phono Jack	183	2 49
42-2359	2	Phono Plug to Alligator Clips	366	3 09
42-2361	3	Phono Plug to Phono Jack	91	2 39
42-2362	3	Phono Plug to Phono Jack	183	2 29
42-2363	3	Phono Plug to Phono Jack	366	3 19
42-2365	4	Phono Plug to Phono Plug	46	1 79
42-2366	4	Phono Plug to Phono Plug	91	1 89
42-2367	4	Phono Plug to Phono Plug	183	2 19
42-2368	4	Phono Plug to Phono Plug	366	3 09
42-2370	5	Phono Plug to Stripped Tinned Ends	91	1 69
42-2371	5	Phono Plug to Stripped Tinned Ends	183	1 89
42-2372	5	Phono Plug to Stripped Tinned Ends	366	2 19

## Coiled Guitar Cords



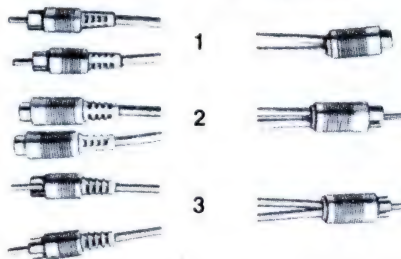
Cat. No.	Fig.	Description	In.	Each
42-2473	1	Coiled: 91m Extends to 4.5m 90° Phone Plug to Phone Plug	180	6 99
42-978	2	Coiled 90° Phone Plug	144	4 99

## 1/4" Phone Plug Cable Assemblies



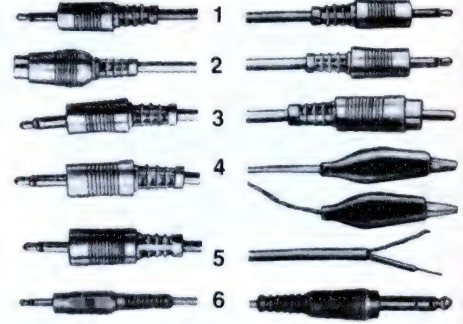
Cat. No.	Fig.	Description	Cm.	Each
42-2377	1	Phone Plug to Phono Jack	183	2 89
42-2378	2	Phone Plug to Inline Phone Jack	366	4 19
42-2381	3	Phone Plug to Phone Plug	183	3 29
42-2373	4	Phone Plug to Phone Plug	183	3 19
42-2440	5	90° Phone to Phone Plug	183	2 89
42-2433	6	Mini Phone Plug to Phone Plug	183	2 89

## Phono Plug/Phono Jack "Y" Adapters



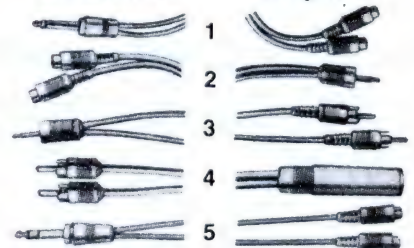
Cat. No.	Fig.	Description	Each
42-2435	1	Y-Adapter: 2 Phono Plugs Connected to 1 Phono Jack, 10cm Shielded Cable	2 59
42-2436	2	Y-Adapter: Phono Plug Connected to 2 Phono Jacks, 7.6cm Shielded Cable	2 59
42-2438	3	Y-Adapter: 3 Phono Plugs Connected to 10 cm Shielded Cable	1 99

## Mini-Plug Cable Assemblies



Cat. No.	Fig.	Description	Cm.	Each
42-2420	1	Mini Phone Plug to Mini Phone Plug	183	2 29
42-2472	2	Mini Phone Plug to Mini Phone Jack	183	3 19
42-2444	3	Mini Phone Plug to Phono Plug	183	1 99
42-2421	4	Mini Phone Plug to Alligator Clips	183	2 29
42-2434	5	Mini Phone Plug to Stripped Ends	183	2 29
42-2157	6	Mini Phone Plug to Stereo Phone Plug	183	2 89

## Assorted "Y" Adapters



Cat. No.	Fig.	Description	Each
42-2153	3	Flexible Y-Adapter; 2 Phono Plugs Connected to 1/8" Mini Plug, 23cm long	1 89
42-2154	2	Flexible Y-Adapter; 2 Phono Jacks Connected to Mini Phone Plug, 23cm Long	1 99
42-2150	1	Flexible Y-Adapter; 2 Phono Jacks Connected to 1/4" Plug, 15cm Long	2 29
42-2471	4	Y-Adapter; 3-Conductor (Stereo) Phone Jack to 2 Phono Plugs	3 59
42-2477	5	Y-Adapter; 3-Conductor (Stereo) Phone Plug to Phono Jacks	2 59

## Shielded Patch Cords



Cat. No.	Description	Cm.	Each
42-2351	2 Straight Phono Plugs at Each End	91	3 39
42-2352	2 Straight Phono Plugs at Each End	183	4 69

## 4 Color-Coded Cables



Shielded for positive protection and low signal loss. Phono plugs. 91cm long.

42-2309 ..... 3.99



1.8m shielded cable with 5-pin DIN male connectors on each end. 42-2151 ..... 5.49

## Patch Cord



Attenuating patch cord. Each end terminates in 1/8" mini plug.

42-2152 ..... 3.29



Far better than "built-ins"! Quick-Connect™ lugs attach to terminals for easy hookup. 300 ohms.

42-2385 ..... 2.99

## Stereo Y-Adapter



Record from a headphone jack. 1.8m cord with 1/4" phone plug on one end. 2 phono plugs on other.

42-2474 ..... 5.89

## 7.6m Microphone Cable



Heavy-duty, low-loss microphone extension, 1/4" phone plug/inline 1/4" phone jack.

42-2379 ..... 5.99

## Microphone Adapter



Mono mike adapter allows use of single mike into both channels of stereo tape recorder.

42-2156 ..... 3.99

## Gold-Plated Patch Cords



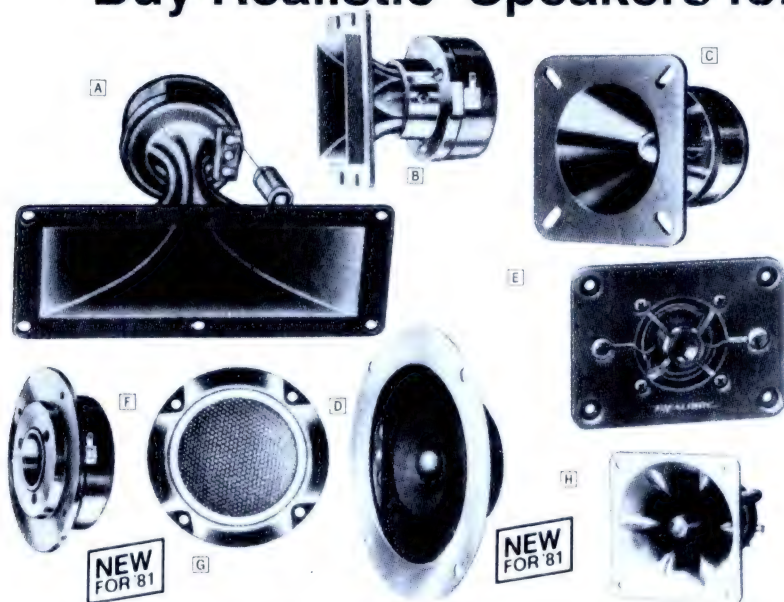
NEW FOR '81

12.95

MF-200 Maximum Fidelity. Low-capacitance phono plugs for maximum conductance and fidelity. With strain reliefs. 99 cm long. 42-2601 ..... 12.95



# Buy Realistic<sup>®</sup> Speakers for High Quality Sound



## Tweeters for Extended Treble

**Dynamic Tweeters.** Designed to deliver impressive highs and superior stereo imaging that add greater listening enjoyment to your present system or to custom built systems. Choose from a variety for every application. Figures A through F are dynamic tweeters. 8 ohms impedance.

**Piezo Tweeters.** Ideal for high performance systems. They use a solid state driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing." Piezo tweeters are virtually burnout-proof and do not require a crossover.

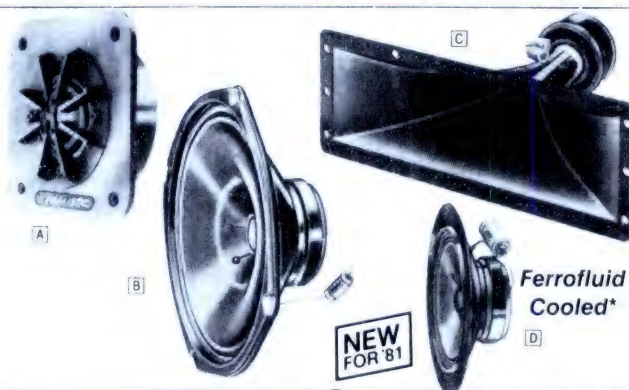
Fig.	Description	Power Nom/Max (watts)	Resonance (Hz)	Effective Freq. Range	SPL (dB) W/M	Magnet Oz	Recommended Crossover (Hz)	Cat No.	Price
A	Horn	12/30	1500	5-17 kHz	96	2.75	5000	40-1228	14.95
B	Heavy Duty Horn	20/40	1500	5-18 kHz	91	2.75	8000	40-1277	9.95
C	Radial Horn	20/50	2500	5-16 kHz	96	2.75	6000	40-1278	8.95
D	Cone	20/50	1700	5-20 kHz	91	2.34	5000	40-1279	7.95
E	Soft Dome	30/50	1000	5-20 kHz	90	4.4	5000	40-1283	10.95
F	Mylar Dome	20/40	800	5-20 kHz	87	6.6	6000	40-1276	10.95
G	Paper Dome	40/75	400	4-20 kHz	91			40-1382	12.95
H	Piezo Super Horn	30/75		5-35 kHz	95			40-1381	15.95

## Midrange Speakers Add "Live" Presence

Engineered to give you clean, smooth response in the critical vocal range. Adds dramatic realism to your present system. Recommended for natural, seamless transition between woofer and tweeter. 8 ohms impedance.

Fig.	Description	Power Nom/Max (watts)	Resonance (Hz)	Effective Freq. Range	SPL (dB) W/M	Magnet Oz	Recommended Crossover	Cat No.	Price
A	Soft Dome	35/70	600	1.5-10 kHz	86	10.8	7.9 kHz	40-1281	19.95
B	6-inch	15	720	1.5-8 kHz	91.5	3.0	1.5-7 kHz	40-1005	15.95
C	Upper Midrange Horn	12/30	1500	4.3-18 kHz	98	2.75	4.3-10 kHz	40-1279	19.95
D	4-inch	20/50	550	1.5-11 kHz	92	2.77	1.5-10 kHz	40-1282	13.95

\*Magnetic fluid injected into the gap between the voice coil and the magnet structure. Acts as a heat sink to improve the power handling characteristics of the speaker.



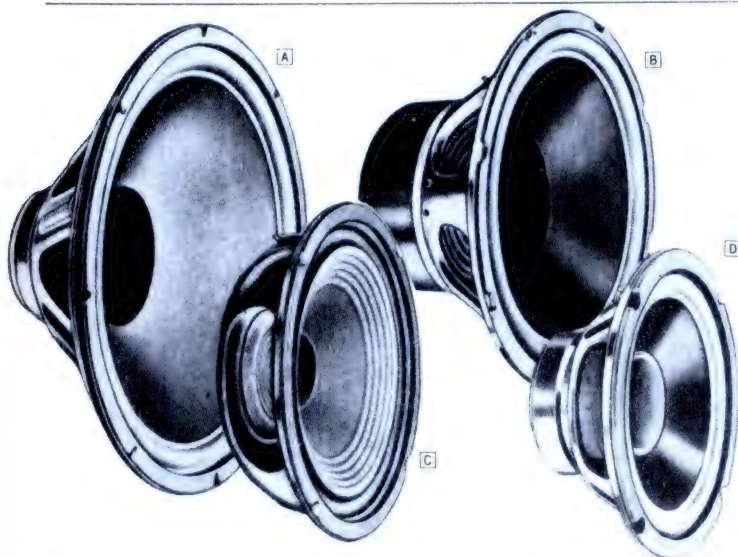
## Powerful, Foam-Surrounded Woofers For Deep, Well-Defined Bass

**An Excellent Way to Start Building Your Custom Speaker System or Update Your Present System**

**Choose From 15", 12", 10" or 8" Sizes**

All Realistic woofers provide clean and gutsy bass response down to where sound becomes a physical sensation. Foam-surrounded for high compliance. Ceramic magnets. High temperature voice coils for reliability. Rigid frame construction insures proper alignment, longlife service. Mounting gaskets included. Easy hookup coded terminals. 8 ohms impedance.

Fig.	Description	Power Nom/Max (watts)	Resonance (Hz)	Effective Freq. Range	SPL (dB) W/M	Magnet Oz	Recommended Crossover	Cat No.	Price
A	15-inch	75	18 Hz	22-550 Hz	77.5	20.4	550 Hz	40-1008	59.95
B	12-inch	90	14 Hz	22-550 Hz	77.5	16.0	500 Hz	40-1007	49.95
C	10-inch	30	29 Hz	29-2500 Hz	92	9.4	1000 Hz	40-1331	29.95
D	8-inch	50	34 Hz	90-3000 Hz	82	16.0	2500 Hz	40-1006	24.95





# Custom Build Your Own Speaker System and Save

## High Performance 3-Way Speaker Kit

- 12" Long-Throw Woofer
- 5 1/4" Ferrofluid Cooled Midrange
- 1" Soft Dome Tweeter

**99<sup>95</sup>**

Available Oct. 30, 1980

**Realistic SPK-1200.** Enjoy superb sound at a fraction of the cost of pre-assembled systems. Tandy has done the designing for you. Includes proper cross-over network terminal board, gaskets, hardware and complete enclosure construction plans.

40-3025 ..... 99.95

Enclosure not included



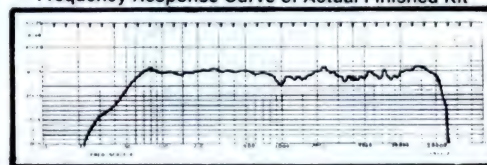
Includes Easy-to-Follow Instructions

**A Properly Constructed Enclosure Will Produce the Following Characteristics.** Frequency Response: 45-22,000 Hz. System Resonance: 60 Hz. Program Power: 80 watts. Nominal Power: 30 watts. SPL (dB/1W/1M): 90.

**Specifications.** WOOFER. Diameter: 12" Free Air Resonance: 25 Hz. Magnet Weight: 20-oz. MIDRANGE. Type: Cone, Ferrofluid cooled. Diameter: 5 1/4" Magnet Weight: 5.37-oz. TWEETER. Type: Soft Dome. Diameter: 1" Magnet Weight: 8.54-oz. Crossover Frequencies: 2000 Hz and 7000 Hz. Impedance: 8 ohms.

**NEW  
FOR '81**

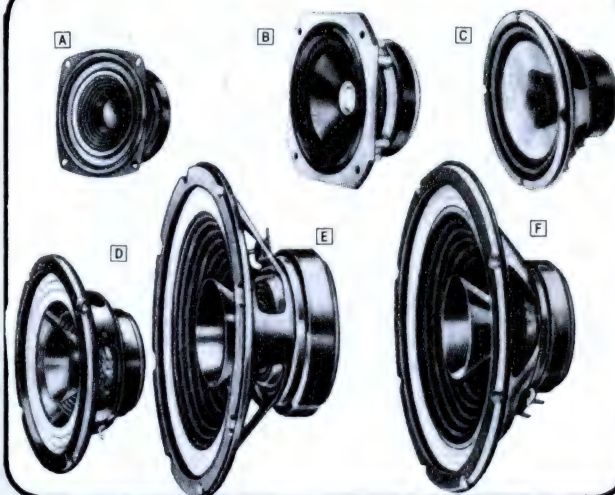
Frequency Response Curve of Actual Finished Kit



## Realistic Multi-Purpose Speakers Deliver Full-Range Frequency Response

Wide choice of applications — great as extension speakers, as replacements, in custom built systems, ceiling installations, even use them in your car. These value-priced speakers deliver smooth response from deep, uncolored bass through the important midrange frequencies to crisp, clean highs. Ceramic magnets and high-temperature voice coils for reliability. Easy-hookup coded terminals. All have 8 ohms impedance.

Fig.	Description	Power Nom-Max (watts)	Resonance (Hz)	Effective Freq. Range (Hz)	SPL (dB) 1W/1M	Magnet Wt. (Oz)	Cat No	Price
A	4-Inch w Whizzer	3/10	80	80-15K	90	6.81	40-1197	13.95
B	5" Diecast Basket	10/25	75	75-15K	89	7.76	40-1311	21.95
C	5-Inch w Whizzer	7/20	90	90-15K	89	9.8	40-1284	12.95
D	6-Inch w Whizzer	7/20	55	55-12K	90	9.8	40-1285	15.95
E	8-Inch w Whizzer	35	55	55-16K	90	16.0	40-1341	25.95
F	8-Inch w Whizzer	30	57	57-16K	93	9.4	40-1286	21.95



## Speaker Accessories to Complete or Improve Your System

### Acoustic Insulation

**4<sup>95</sup>**



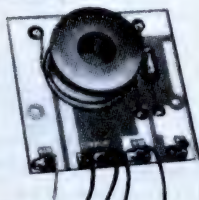
Fibreglass. For damping speaker enclosures. One square yard.

42-1082 ..... 4.95

### 6 dB/Octave 2-Way Crossover

Handles  
Up to  
60 Watts RMS

**10<sup>95</sup>**



Crossover at 4500 Hz. Colour-coded speaker leads. 4-8 ohms impedance.

40-1293 ..... 10.95

### 6 dB/Octave 3-Way Crossover

Handles  
Up to  
40 Watt RMS

**17<sup>95</sup>**



Crossovers at 1000 and 6000 Hz. 46 cm. speaker leads. 4-8 ohms impedance.

40-1294 ..... 17.95

### 8" Speaker Grille

Brushed  
Aluminum

**8<sup>95</sup>**



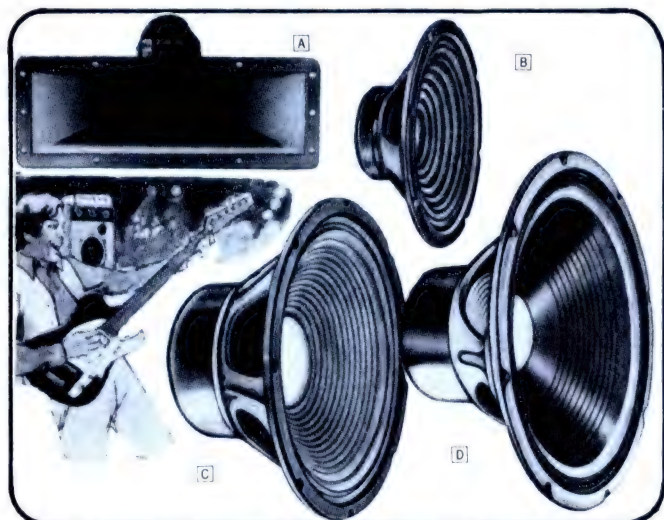
For mounting speaker in ceiling. With hardware.

40-1223 ..... 8.95

Tandy — For Value, Service and Reliability



# Realistic® Multi-Purpose Speakers and Powerhorns



## Musical Instrument Speakers — Up to 100 Watts RMS Capacity

Used by musicians everywhere! Realistic musical instrument speakers provide the on-stage power, sound and reliability expected by the "pro's." Heat-proofed to resist fracture and burn-out, reinforced at every stress point. Each comes with multi-strand flexible leads anchored to the cone and flange mounting holes for quick, easy mounting. All have 8 ohms impedance. Consult the chart below for the speaker that suits your specific needs!

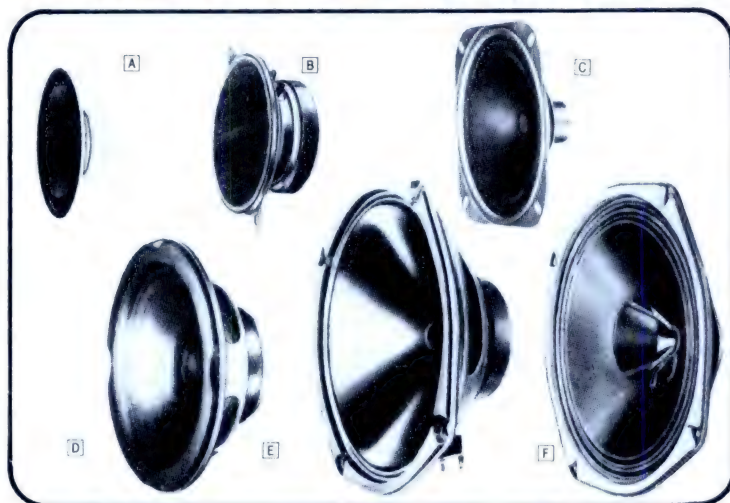
Fig	Size	Power (Watts)	Free-Air Resonance	Freq. Resp (Hz)	Magnet Wt. (Oz.)	SPL (dB)	Cat No.	Each
A	Horn	30	1500 Hz	4300-18k	2.75	98	40-1279	19.95
B	8"	30	105 Hz	105-8k	9.40	93	40-1316	19.95
C	12"	50	67 Hz	67-3.5k	20.39	89	40-1314	59.95
D	15"	100	62 Hz	62-3k	34.25	91.5	40-1315	69.95

## Replacement Speakers for Every Application—Ideal for Hi-Fi, Radios, PA, Car, More!

Ruggedly constructed for premium service in both auto and home applications. Equipped with flange mounting holes for quick 'n' easy installation, and a rigid long-lasting metal basket for proper voice coil and magnet alignment. All feature ceramic magnets for great sound even from low powered equipment. 8 ohms. Check below—we're sure to have what you need!

Fig	Size	Capacity (Watts)	Magnet Wt. (Oz.)	Cat. No.	Each
A	2"	0.5	0.35	40-245	3.99
A	2 1/4"	0.5	0.35	40-246	3.99
A	2 1/2"	0.5	0.35	40-247	3.99
A	2 3/4"	0.5	0.35	40-262	3.99
A	3"	2.0	0.35	40-248	4.59
B	3 1/2"	4.0	2.80	40-1333	7.95
C	4"	2.0	0.53	40-1203	6.95

Fig	Size	Power Nom. Max (Watts)	Resonance	Freq. Resp (Hz) ± 10 Hz	Magnet Wt. (Oz.)	SPL (dB) (1W 1M)	Cat No.	Each
D	5"	2.5	140	140-10k	2.8	89	40-1240	7.95
D	5"	4.10	70	70-18k	5.3	91	40-1909	9.95
E	6"	2.5	90	90-12k	2.8	88	40-1242	8.95
F	8"	5.10	75	75-20k	2.77	88	40-1271	9.95
F	8"	4.10	90	90-20k	5.3	87	40-1272	10.95



### 10 cm Powerhorn®



**14<sup>95</sup>**

Ideal for CB and PA extensions. Weatherized for indoor or outdoor use. 8 ohms. With mounting bracket. 40-1244 ..... 14.95



### PA Powerhorns

13 cm

16 cm

**19<sup>95</sup> 49<sup>95</sup>**

All-metal, completely rust and shock resistant. Mounting bracket. 5 watts RMS. 8 ohms. 40-1236 ..... 19.95



Weatherized, high-impact construction. For most outdoor PA applications, music or voice. Mounting bracket. 15 watts RMS. 8 ohms. 40-1237 ..... 49.95

### 30 cm Powerhorn

**59<sup>95</sup>**

All weather, wide range—perfect for music, paging or PA applications, indoors or out! Mounting bracket. 25 watts RMS. 8 ohms. 40-1238 ..... 59.95



### Indoor/Outdoor Speakers

**24<sup>95</sup>**

Wide-range extension speakers with moisture-proof housing. Keyhole mounting. Rated 8 ohms. With hardware.

A. 16cm Patio. 18x21x9.8 cm

40-1248 ..... 24.95

B. 10cm Portable. 12x13x7.6 cm.

40-1227 ..... 9.95



### Wall Speaker

**29<sup>95</sup> For Background Music**

Full-range 16cm speaker, ideal for office, "rec" room, patio. Front volume control, walnut vinyl veneer. 8 ohms. 26x27x12 cm.

40-221 ..... 29.95



### 20 cm Speaker & Baffle

**19<sup>95</sup> With Volume Control**

Use with PA system or as space-saving extension! Walnut grained vinyl veneer. 8 ohms. 27x27x12 cm.

40-219 ..... 19.95





# Shop Tandy for Best Buys in PA Equipment

## High-Power Portable Sound Column

**129<sup>95</sup>**  
Each

NEW  
FOR '81

- 75 Watts Power Handling
- Use for Voice or Music in Churches, Schools, Halls or Outdoors
- Two Heavy-Duty 8" Woofers
- Solid State Piezo Tweeter

**Realistic PA-88.** Designed for "natural" sound reinforcement! The controlled 130° sound dispersion maximizes the coverage pattern and makes mike placement easier by minimizing feedback. Wide 95-18,000 Hz response, high efficiency design. Rugged black vinyl enclosure—with heavy-duty carrying handle and protective metal corners—is compact enough to carry in a car. Has 1/4" jack, 2 push-terminals for easy hookup. 8 ohms. 76x25x17cm. 40-1257 ..... 129.95

## Cast Base Mike Stand

**32<sup>95</sup>**

- Sleek Chrome Finish •"Sure-Grip" Clutch

Adjustable from 86 to 157 cm grip-action clutch locks and holds at desired height. Heavy low-profile cast-iron base has rubber feet for placement and use anywhere! Std. 5/8"-27 thread. 33-320 ..... 32.95



## 6-Speaker PA Column

**79<sup>95</sup>**  
Each

*Proper Placement Directs Sound Away from Microphone to Eliminate Most Feedback*

Priced right, so you can use as many as you need for churches and larger auditoriums. Rugged construction helps assure years of reliable public address sound. Delivers a full 140-10,000 Hz response — exactly what you need for most PA applications. With recessed screw terminals and phono jack for easy hookup. Keyhole slots in back of speaker provide easy mounting and make changing speaker locations simple. Handsome walnut grained vinyl veneer enclosures. 104x20x9.5 cm. 8 ohms. 40-1245 ..... 79.95



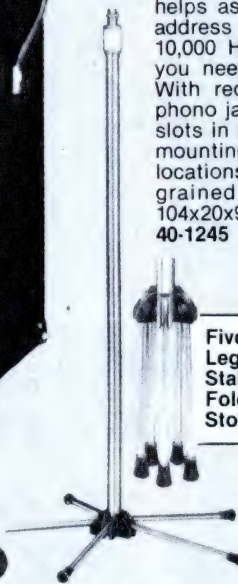
## Folding Mike Stand

**36<sup>95</sup>**

*Ideal for portable use*

Five chromed Legs Provide Stable Base, Fold for Storage!

Five chromed legs with protective rubber feet provide maximum stability, fold up for easy portability and storage. Positive action clutch adjusts instantly from 81 to 145 cm. Std. 5/8"-27 thread. 33-325 ..... 36.95



### 79cm Mike Boom Adapter

**19<sup>95</sup>**

Chrome Tube with Adjustable Counterweight

Standard 5/8"-27 thread boom attaches to any floor stand. With one-piece universal swivel. 33-344 ..... 19.95

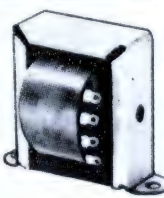


### 70V Line Transformer

**4<sup>99</sup>**

For Multiple Speaker PA Systems

Minimizes line loss and impedance matching problems. Taps at 10, 5, 2.5, 1.25 and 0.62 watts. Accepts 4, 8, 16 ohm speakers. 12x14x7.6cm. 32-1031 ..... 4.99



### 30m 2-Conductor Speaker Wire

**12<sup>95</sup>**

Ideal for use with PA amplifiers. 16-gauge all-copper construction. Moulded plastic insulation is polarity marked. 278-1384 ..... 12.95



### 7.3m PA Speaker Cable

NEW  
FOR '81

**4<sup>89</sup>**

Fits the PA-88 and most PA speakers. 18-gauge cable with 1/4" phone plug, 2 coded spade lugs. 42-2453 ..... 4.89

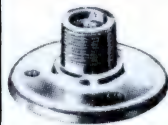


### 5/8" Screw Flange

**4<sup>95</sup>**

Die-Cast Construction

Perfect for attaching mike to desk or lectern. Standard 5/8"-27 thread. 33-332 ..... 4.95



### Mike Stand Adapter

**2<sup>49</sup>**

Takes mike from hand, quickly converts for use with any standard 5/8"-27 floor stand assembly. 33-371 ..... 2.49



### 33cm Flexible Gooseneck

**6<sup>95</sup>**

Allows you to position microphone in any direction. Standard 5/8"-27 thread. 33-330 ..... 6.95



### Padded Desk Stand

**12<sup>95</sup>**

Cast base with 10cm chromed tube. Standard 5/8"-27 thread. 33-370 ..... 12.95



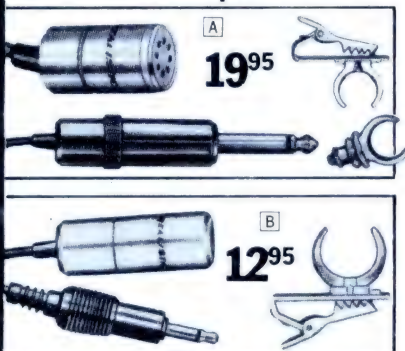
Over 200 Tandy Stores & Dealers Nationwide — We're Near You



# Tandy Low-Priced Multi-Purpose Microphones



## Electret Tie-Pin Microphones



### Professional Ultra-Mini Size

A. All-directional pickup pattern lets you turn your head or move about, leaves hands free as you talk or perform. 600 ohms. 20-12,000 Hz response. 3 m cord with 1/4" phone plug. Includes battery, mini-plug adapter.

33-1056 ..... 19.95

### Low-Cost Tie Clip Mike

B. Perfect for dictation, class notes or study notes. Clip to lapel and leave hands free for written notes, books. 600 ohms. 30-12,000 Hz response. 1.8 m cord with 1/8" mini-plug. Includes battery.

33-1058 ..... 12.95

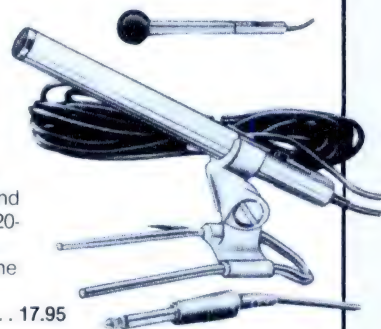
## Featherweight, Ultra-Slim Omni

- Includes Windscreen and Adjustable Stand
- Weighs Only 6.371 grams

**17<sup>95</sup>**

Electret element exhibits excellent sound characteristics with music and maximum clarity for speech. Wide 20-13,000 Hz response. On/off switch. 600 ohms. 2.7m cable with 1/4" phone plug. Includes battery.

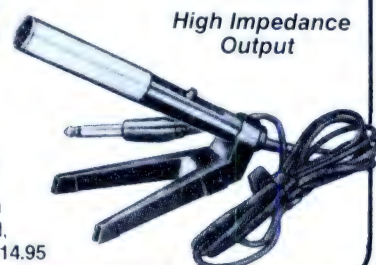
33-1050 ..... 17.95



## MC-1000 Dynamic Omni

**14<sup>95</sup>**

Pencil-thin and perfect for hand, stand or lavalier use. 150-10,000 Hz response. 10,000 ohms. 1.8m cable. 1/4" phone plug, neck cord, and stand. 33-990 ..... 14.95



## Complete Selection of Realistic Replacement Mikes

### Electret Omni



**12<sup>95</sup>**

Upgrades Your  
Cassette Recordings

Mini-plug for audio and submini plug for remote on/off control. 20-13,000 Hz response. Includes stand, windscreen, and battery. 33-1060 ..... 12.95

### Dynamic Omnidirectional



**12<sup>95</sup>**

- Ideal for Cassette Recorders
- 100-11,000 Hz

Mini plug for mike, submini for cassette remote control jacks. Convenient on/off switch. Low impedance. With cable, desk stand. 33-1040 ..... 12.95

### Dynamic Omni



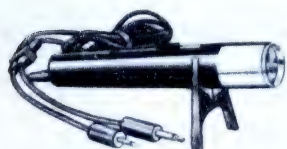
**10<sup>95</sup>**

- Great for Cassette Recorders
- Wide Response

Mini and submini plugs for use with most Realistic "CTR" series and others. 1000 ohms. With cable, desk stand.

33-1039 ..... 10.95

### Universal Dynamic



Fits Almost  
Any Recorder

**7<sup>95</sup>**

On/off switch. Mini plugs for audio, both long and short submini plugs for recorders with remote control jack. 200 ohms. 100-10,000 Hz response. With cord, slip-on desk stand. 33-1031 ..... 7.95

### Low-Cost Dynamic



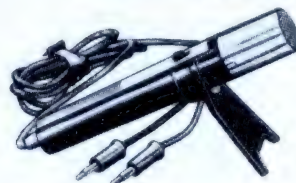
**4<sup>99</sup>**

Replaces  
"Lost"  
Cassette Mikes

A dynamic at the price of a crystal mike! Mini plug for mike, submini for remote control jack. 200 ohms. Wide frequency response. With desk stand.

33-1054 ..... 4.99

### Pencil-Type Dynamic



**6<sup>99</sup>**

Handy  
On/Off Switch

Easy to handle. 150-10,000 Hz response is ideal for voice or music cassette recordings. Mini plug for mike input, submini plug for remote control jack. With stand.

33-1034 ..... 6.99

Tandy For Value, Service and Reliability



# Quality Microphones for Recording and PA Use

## Dual-Pattern Stereo Mike



**Expandable  
Pickup Pattern**



**39<sup>95</sup>**

Two electret condenser mikes in one! Switch selects "normal" or "wide" stereo image. 30-15,000 Hz response. Mesh windscreen cuts wind noise and protects elements. 3 m cord with two 1/4" plugs. Includes vinyl case and stand adapter. Requires "AA" battery. 33-919 ..... 39.95

Here's why Realistic one-point stereo microphones make recording easier! Positioning is simplified because both mikes are in one housing. And stereo mikes require only one microphone stand.

## "Studio-Quality" Stereo Mike

**NEW  
FOR '81**

Use it  
Horizontally ...



... Or Hang  
Vertically



Available  
Nov. 30, 1980

**59<sup>95</sup>**

Our finest! Unique "back-electret" condenser design. Each element uses a superthin (4 micron) diaphragm for excellent transient response, and both can be rotated for proper position in any recording set-up! Wide 20-20,000 Hz response,  $\pm 5$  dB. Special matrix circuit maintains optimum channel separation. Low frequency contour switch for hand-held and "close-up" use. With vinyl case, 4.8m cable, two 1/4" plugs, stand adapter. Requires "AA" battery. 33-1085 ..... 59.95

## Highball Dynamic Mike

- Perfect for PA and Hand-Held Vocal Use
- Tight Unidirectional Pickup Pattern
- High or Low Impedance



**49<sup>95</sup>**

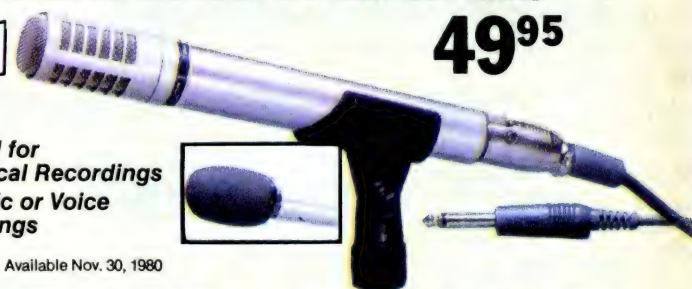
**NEW  
FOR '81**

Rugged, high-performance mike has wide 80-15,000 Hz response with emphasis on "presence" for clean, articulate, natural sound. Ball windscreen minimizes breath "pops" and rubber anti-shock ring withstands rough handling. Unidirectional pattern helps control unwanted sounds and feedback. On/off switch. High (10K) and low (600 ohm) impedances with balanced low Z capability. With XLR-type connector, 4.8m heavy-duty cable and stand adapter. 33-984 ..... 49.95

## Cardioid Electret Condenser Mike

**NEW  
FOR '81**

- Ideal for Critical Recordings
- Music or Voice Settings



**49<sup>95</sup>**

Available Nov. 30, 1980

Get professional sounding results from an affordable mike. Excellent 20-20,000 Hz  $\pm 4$  dB response with superthin 4-micron diaphragm using a "back-electret" design. Low-frequency contour switch helps control "proximity effect" for vocals and close-up use. Balanced low-impedance output with XLR-type connector. Foam windscreen eliminates wind noise and breath "pop". Heavy-duty 4.8m cable, vinyl case and stand adapter. Requires "AA" battery. 33-1080 ..... 49.95

## Highball-2 Dynamic Mike

- Dual Impedance
- Omnidirectional



**19<sup>95</sup>**

Features rugged wire mesh windscreen, 250 or 50,000 ohms impedance, 90-11,000 Hz response. Built-in on/off switch. With 4.5m cable, 1/4" phone plug, and stand adapter. 33-985 ..... 19.95

## Super Cardioid Dynamic Microphone

- Highly Directional
- Rejects Unwanted Off-Axis Sounds



**29<sup>95</sup>**

Ideal for voice/music sound reinforcement. Tight pattern helps prevent feedback. On/off switch. Reversible connector for 600 or 50,000 ohms impedance. 80-12,000 Hz response. With cable, screw-on connector, 1/4" phone plug, stand adapter. 33-992 ..... 29.95

## Electret Condenser Mike

Wide 30-15,000 Hz  
Frequency Response



**29<sup>95</sup>**

Cardioid pick-up pattern for quality recordings and PA applications. Slip-on windscreen for hand-held vocal use. 600 ohms. With 3m cord, 1/4" phone plug, vinyl case, mike stand adapter. Requires "AA" battery. 33-1045 ..... 29.95

Over 200 Tandy Stores and Dealers Nationwide — We're Near You



# Realistic PA Amplifiers — Best Coverage You Can Buy

## Professional 80-Watt Sound Reinforcement Amp

NEW  
FOR \$1

**269<sup>95</sup>**

**Realistic® MPA-80.** Eighty watts of pure power plus the portability you need in a professional PA system. Great for "live" bands, background music or discos. Individual slide-action controls for inputs. Four mike inputs accept high or low impedance mikes. High-level aux input. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector for listening to each individual input or the mixed output through headphones. Master volume control with memory ring to readjust to desired level. Lighted power meter and LED clipping indicator lets you monitor output levels to avoid "distorted" sound. Jacks with bypass switch for external signal processor such as equalizer, reverb or limiter. Overload protected. 32-2026 . . . . . **269.95**

**Response:** 30-20,000 Hz. **Power:** 80 watts RMS at 4 Ohms. **Outputs:** mix bus, EQ in/out push-to-connect speaker terminals, two 1/4" speaker jacks, 1/4" headphone jack. **Power Requirement:** 240 VAC, 50 Hz, 200W. **Size** 11x37x27 cm.

- 1/4" and XLR Connectors for Balanced Mikes
- Mix Bus Jack to Stack Extra Amps
- In/Out Jacks for EQ, Reverb
- Spring-Loaded Speaker Terminals
- Cord Storage Posts

## Full-Feature 35-Watt PA Amplifier with Priority Switch for Instant Paging

- Built-In Preamp for Magnetic Phono Cartridges
- Constant-Voltage Output

**159<sup>95</sup>**

**Realistic MPA-35.** Ideal for paging and use in medium-size auditoriums and churches. Mixing inputs for Mike-1, Mike-2, and phono/aux. Master volume and tone controls. Priority switch for Mike-1 overrides all other inputs for instant paging. Pushbutton on-off switch lights up when power is "on." Metal case, simulated walnut grain finish. 32-2022 . . . . . **159.95**

**Response:** 150-12,000 Hz. **Power:** 35 watts RMS at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 25 and 70V line. **Power Requirement:** 240 VAC, 50 Hz, 120W. **Size:** 11x28x21 cm.



Operates on  
12VDC or 240 VAC

## 20-Watt AC/Mobile PA Amplifier

**99<sup>95</sup>**

- Accepts High or Low-Impedance Microphones with 1/4" Plug
- Hi-Level Input for Phono/Aux

**Realistic MPA-20.** Use it anywhere! Features three mixing controls: 2 microphone and dual-function phono/aux. Master tone and volume controls help control feedback. Lighted power on/off switch. Metal case. Includes mobile mounting bracket. 32-2020 . . . . . **99.95**

**Response:** 200-10,000 Hz. **Power:** 20 watts RMS at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line. **Power Requirement:** 240 VAC, 50 Hz, 40W/12VDC, 3.5A. **Size:** 11x27x19 cm.



# Indoor, Outdoor and Disco! Money-Saving PA Systems!



## 80-Watt 2-Mike Club System

**SAVE \$86<sup>55</sup>**  
Regular Separate Items 955.55 **869**

- MPA-80 PA Amplifier
- Two Highball Unidirectional Mikes
- Two Mike Stands with Bases
- Four PA-88 Portable Column Speakers

## Deluxe 80-Watt 4-Column Disco System

**SAVE \$106<sup>40</sup>**  
Reg. Separate Items 1496.40

**1390<sup>00</sup>**



- Realistic MPA-80 80-Watt Amplifier
- 5-Band Graphic Frequency Equalizer
- Two LAB-270 Turntables with Magnetic Cartridges
- Highball Unidirectional Microphone
- Deluxe Folding Microphone Stand
- Chrome-Plated Boom Stand Adapter
- Nova-PRO Headphones for Signal Monitoring and Cueing
- Four PA-88 Portable Column Speakers with Two 8" Woofers, Tweeter

## 80-Watt "Toastmaster's" Special

**SAVE \$53<sup>75</sup>**  
Reg. Separate Items 612.75 **559**

- MPA-80 PA Amplifier
- Highball Unidirectional Mike
- Mike Stand with Base
- Two PA-88 Portable Column Speakers



## 35-Watt Page/Announce System



**SAVE \$25<sup>70</sup>**  
Reg. Separate Items 299.70 **274**

- MPA-35 PA Amplifier
- Highball-2 Mike
- Four Minimus-6 Wall Speakers

## Athletic-Announcer's System



**SAVE \$32<sup>65</sup>**  
Reg. Separate Items 402.65 **370**

- MPA-35 PA Amplifier
- Super-Cardioid Mike
- Desk Stand
- Four Powerhorn Speakers

## "Entertainers" Portable

**SAVE \$41<sup>75</sup>**  
Reg. Separate Items 506.75

**465**

- MPA-35 PA Amplifier
- Highball Unidirectional Mike
- Folding Mike Stand
- Two PA-88 Portable Column Speakers



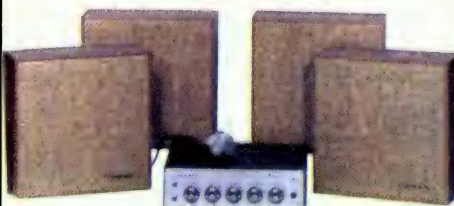
## "On-the-Go" Mobile System

**SAVE \$11<sup>80</sup>**  
Reg. Separate Items 144.80

**133**

- MPA-20 AC/12VDC PA Amplifier
- MC-1000 Microphone
- Two 4" Powerhorn Speakers With Mounting Brackets

## Low-Cost Paging System



**SAVE \$16<sup>70</sup>**  
Reg. Separate Items 199.70

- MPA-20 PA Amplifier
- Highball-2 Mike
- Four 8" Wall Speakers

**183**

## The "Anywhere" System

**SAVE \$23<sup>80</sup>**  
Reg. Separate Items 292.80

**269**

- MPA-20 AC/12VDC PA Amplifier
- Super-Cardioid Mike
- Mike Stand with Base
- PA-88 Portable Column Speaker





# Save Time and Steps with a Home Intercom System

## Wireless 3 Station, 3-Channel FM System



Dimmer  
Switches



Fluorescent  
Lights



Appliance  
Motors

## Wireless 2-Station FM System



- FM and Auto-Squelch Cut Noise
- "Call-Tone" Station Signals
- Phase-Locked Loop for Clear On-Channel Communications

**129<sup>95</sup>** Set of 3

Our finest and most versatile SELECTaCOM.\* Frequency modulation and automatic squelch reduce interference and background noises. Touch-sensitive electronic "talk" controls. Touch-talk plate has lock position for continuous talking or monitoring. Each station has volume control, A/B channel selector. Just plug in — and talk! 16x14x4.4 cm.

43-214 ..... 129.95



Wireless  
Intercoms Offer:

•Versatility! Move stations easily, add pairs as needed, continuous monitoring capability!

•Instant Use! Just plug into 240 VAC and talk!

**69<sup>95</sup>** Pair

- "Beep" Call Tone
- Adjustable Squelch
- Lighted Talk-Bar

A real step-saver! Easy to use — just press the Talk-Bar to speak, and the Lock-Bar for hands-free talking or monitoring. FM and adjustable squelch combine to reduce "hash" and static. Talk-Bar doubles as a night light. Plug each station into any AC outlet — no unsightly connecting wires.

4.4x17x12 cm. 43-212 ..... 69.95

## Battery Powered 2-Station System

For Desktop or  
Wall Mounting

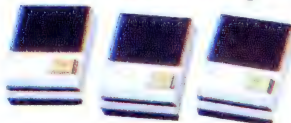


**16<sup>95</sup>** Pair

Ideal for campers and motor homes. Remote can signal Master when system is "off." 10x7.7x4.4 cm. With 20m cable. Requires 9V battery.

43-221 ..... 16.95

## 4-Stations, Battery-Powered



**29<sup>95</sup>**

Set of 4

Master can select Remote #1, #2, #3 or standby — no other station can listen in. Master, 12x10x4.4cm. Remotes, 2.8x7.7x4.4 cm. With three 20 m cables. Requires 9V battery.

43-216 ..... 29.95

## Wireless AM 2-Station Intercom System

**54<sup>95</sup>** Pair



Each Station Doubles  
As a Night Light

Available January, 30, 1981

Each station has on-off/volume thumbwheel control. Lock-Key for continuous talking or monitoring. Call button "beeps" other station and illuminated Talk-Bar also serves as a nightlight. Add as many pairs as needed for a "whole-house" communications system — just plug into AC and talk. 13x14x4.1 cm. 43-209 ..... 54.95



# Shop Tandy for Useful Sound Electronics



## Stereo Disco Mixer Adds Life to Any Party

NEW  
FOR '81

**99<sup>95</sup>**



**"Cue" Function Allows Direct Monitoring  
of turntable and Tape Inputs**

Now you can mix or "seque" two turntables, a tape deck and a stereo mike just like disco and radio station D.J.'s. Blends music and narration for professional-sounding recordings, too! Five slide-action faders and dual VU meters for precise level control. Magnetic or ceramic phono jacks, headphone cue/monitor jack. Frequency response: 20-20,000 Hz. 6.9x27x19 cm. Requires 4 "A" batteries or AC adapter.

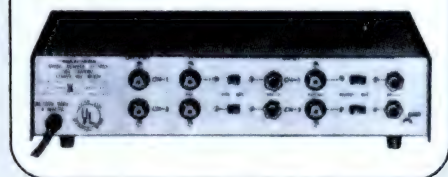
32-1100 ..... 99.95  
AC Adapter. 14-9521 ..... 7.95

## Professional Stereo Microphone Mixer



**89<sup>95</sup>**

**Blends up to 4 Mikes  
or Mixes Aux, Mike  
and Phono for Custom  
Recording/PA Work**



**Magnetic Phono Input**

This four-input stereo mike mixer gives you professional control over a group's performance or recordings, easily and efficiently. Four independent controls give you precise blending of up to four mikes or a combination of mikes, mag. phono and aux. Accepts high or low impedance mikes with 1/4" plug. Aux input connects to any high-level signal source. Master volume control adjusts overall level of both channels. Stereo/Mono switch. Output level: 0.7 V. Response, 20-20,000 Hz  $\pm$  3 dB. Metal case, 6.9x28x14 cm. AC operation. 33-1057 ..... 89.95

## Get Attention Fast with a Powerhorn® Hand Held PA/Megaphone



**Projects Your  
Voice Up  
to 91  
Metres**



**39<sup>95</sup>**

- Trigger-Type On/Off Switch
- High-Output IC Circuit

A completely portable PA system ideal for sporting events, picnics, rallies. Directs your voice where you want it for maximum intelligibility. Pistol grip handle with convenient thumbwheel volume control. Durable moulded housing. Requires 8 "AA" batteries. 32-2025 ..... 39.95



# Realistic Underdash Car Stereo is Easy to Install



## High-Power Stereo Cassette Player

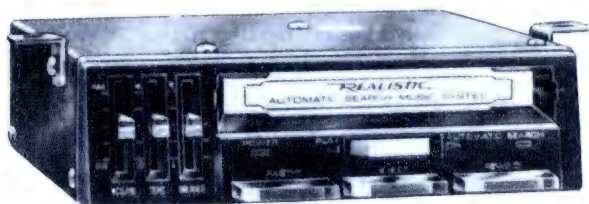
**149<sup>95</sup>**

- 12 Watts Per Channel
- Automatic Cassette Eject
- Separate Bass, Treble Controls

24-watt amplifier brings sensational "home-quality" music to your car. Wide dynamic range and ultra-low distortion — even at high volume! Pushbutton loudness improves bass at low volume. Locking fast-forward and rewind, slide-action volume and balance. Automatic eject in all modes with shut-off at end of tape, plus manual eject. 1/4" stereo headphone jack and LED "on" indicator. 4.4x17x18 cm.

12-1809 ..... 149.95

Not for use with power boosters, equalizer/boosters or some speaker switches



## Stereo Cassette with Auto-Search

NEW FOR '81

**99<sup>95</sup>** Automatically Finds Musical Selections

Realistic's new Automatic Search Music System senses the "silence" between musical selections during fast-forward and rewind. You can advance the tape to the start of the next selection — or replay a selection — with the touch of a button! Features Auto-Search selector and LED indicator, push-button fast-forward, rewind and eject. Sliding volume, tone and balance controls, end-of-tape Auto-Stop in play mode. 8 watt stereo amplifier. 4.4x16x15 cm.

12-1805 ..... 99.95

## Stereo Cassette with Fully Automatic Eject

NEW FOR '81

**99<sup>95</sup>**

Ejects at End of Tape in All Modes

Small but big-sounding player has locking fast-forward and rewind, manual eject button, and slide-action volume, balance and tone controls you can easily adjust while driving. Auto-Eject disengages cassette and turns player off at end of tape in rewind, fast-forward and play modes. LED "on" indicator. 8-watt amp. 4.5x14x15 cm. 12-1806 ..... 99.95



## "Super-Mini" Stereo Cassette Player

**79<sup>95</sup>**

Our Smallest — Just 3.9x13x13 cm

Big sound that fits anywhere. Ideal for underdash mounting in sports cars and compacts — even in glovebox or console of many vehicles. Locking fast-forward control makes it easy to find desired selections. End-of-tape Auto-Stop with convenient LED indicator. Pushbutton eject. 8-watt stereo amplifier.

12-1803 ..... 79.95

## Budget-Priced Stereo Cassette

**69<sup>95</sup>**

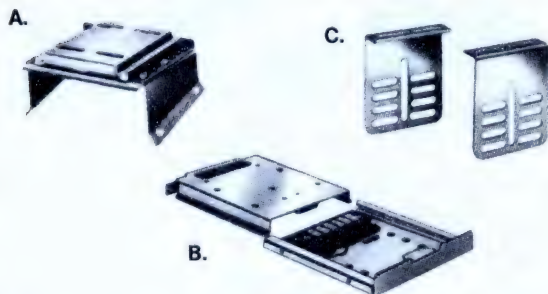
NEW FOR '81

### End-of-Tape Auto-Stop

Great stereo sound and compact styling at a low price! Slide-action volume, tone and balance controls are easy to adjust — no need to take your eyes off the road. Locking fast-forward pushbutton eject control. Convenient end-of-tape Auto-Stop in play mode with indicator. Fits almost anywhere. 4.0x13x15 cm. 8-watt stereo amp. 12-1804 ..... 69.95



**NOTE: All players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete instructions. All are for operation on 12VDC negative ground only.**



## Mounting Brackets for Tape Players

**A. Floor Mount.** Two-piece slide-on/slide-off mount with connectors that let you remove player instantly for safe-keeping. Colour-coded leads for quick hook-up. 18-gauge heavy-duty steel. 270-018 ..... 9.95

**B. Underdash Mount.** Same features as floor mount but designed to fit under dash. 270-016 ..... 9.95

**C. Universal L-Brackets.** Fit most vehicles and equipment. Mounting hardware included. 270-022 ..... Pair/3.99



# Realistic's "System-7" Stereo Receiver Goes Mobile! Now! A True Stereo System for Your Car, Boat, Motorhome, Van or Camper



**At Last — A Full-Featured Receiver  
That Operates on 12 Volts DC!**

**NEW  
FOR '81**

**279<sup>95</sup>**

10 watts per channel, minimum RMS into 8 ohms from 20-20,000 Hz with no more than 1% total harmonic distortion

- Auto-Magic® Fine-Tunes and Locks in FM
- Tape Player, Mag. Phono and Aux Inputs

**Realistic STA-7M.** Our hot-selling "System-7" AM/FM stereo receiver — now equipped with a 12VDC power supply and circuitry that permits plug-in operation with mobile tape players! For FM stereo, Realistic's exclusive Auto-Magic® automatically fine-tunes and locks in stations for lowest distortion. Pushbutton loudness and presence controls, plus a true Baxandall bass control circuit make it easy to get accurate, wide-range sound from smaller mobile speakers. Features a lighted tuning dial, LED FM stereo indicator, precision-feel controls including centre-detent balance, a stereo headphone jack, overload and thermal-protected amplifier. With bracket, mounting hardware, 3.6 m speaker cable and plug. The performance, styling and solid construction of the AC-powered "System-7" — and the same low Realistic price! **31-1978 ..... 279.95**  
Not for use with power boosters, equalizer/boosters or 3-wire (common ground) speaker wiring and switches.



## Specifications

**AMPLIFIER.** Frequency Response (Aux Input at 1 watt): 15-30,000 Hz,  $\pm 2$  dB. **Signal-to-Noise Ratio (IHF "A" Weight):** Mag. Phono, 75 dB; Aux, 90 dB. **Tone Control Action:** Bass,  $\pm 10$  dB at 100 Hz; Treble,  $\pm 10$  dB at 10,000 Hz. **Presence (1.5 kHz):**  $\pm 6$  dB, in. **FM TUNER. Sensitivity (IHF):** 2.8  $\mu$ V (14.2 dBf). **Signal-to-Noise Ratio (1 mV):** 60 dB. **Total Harmonic Distortion:** Mono, 0.5%; Stereo, 0.6%. **Image Rejection:** 50 dB. **POWER REQUIREMENT:** 13.8VDC, neg. gnd. **SIZE:** 6.6x24x25 cm.

**Save! Buy a Complete Mobile Hi-Fi System Featuring the STA-7M**

### Mobile-System-7



**SAVE  
50<sup>80</sup>**

Regular  
Separate Item  
Price **419.80**

**369**

- Realistic STA-7M Mobile Receiver
- Two Minimus-7 Full-Range Speakers
- Two Minimus-7 Mounting Brackets

### System-7 with Cassette

**SAVE  
60<sup>75</sup>**

Regular  
Separate Item  
Price **519.75**



**459**

- Realistic STA-7M Mobile Receiver
- 2 Minimus-7 Speakers and Brackets
- Auto-Search Cassette Deck (#12-1805)

Tandy Electronics Guarantee Every Purchase



# AM/FM Stereo Tape Players Mount In or Under Dash

## High-Power AM/FM Stereo Cassette

**269<sup>95</sup>**

- 24 Watts Total Output •Bass and Treble Controls
- Adjustable Control Shafts •All-Mode Auto-Eject

12-watt per channel amp for great sound. Locking fast-forward and rewind with automatic end-of-tape eject and shutoff for easy operation. Loudness and stereo/mono buttons, LED indicators, lighted radio dial, smooth electronic manual eject, too. Shafts adjust 13cm to 16cm. Size: 6.0x18x16cm.

12-1886 ..... 269.95



**IMPORTANT**  
Do NOT use high-power players with power boosters, equalizer/boosters, common-ground speaker switches or common-ground (3-wire) speaker wiring.



Pushbutton  
Direction Lights

Lighted Radio  
Dial and FM  
Stereo Indicator

Locking Fast-  
Forward and  
Rewind Buttons

**NEW  
FOR '81**

## AM/FM Stereo Cassette With Auto-Reverse and Power Loading

**249<sup>95</sup>**

- Motorized Systems Pulls in Cassette, Smoothly Lowers it to Play Position
- Automatically Reverses at End of Cassette and Plays the Other Side

Deluxe player with auto-reverse gives you hours of uninterrupted cassette music, AM and superb FM stereo through its low-distortion amplifier. 12 watts total output. Easy to use — motorized system loads cassettes, pushbutton changes tape direction instantly. You can find selections on either side of a cassette quickly, without ejecting. Cassette ejects automatically when ignition is shut off. Shafts adjust 13 cm to 16 cm. Size: 18x4.4x13 cm. 12-1890 ..... 249.95

## AM/FM Stereo/Auto-Stop Cassette

**159<sup>95</sup>**

- 8 Watts Total Output •All-Mode Auto-Stop
- Locking Fast-Forward, Rewind •Lighted Radio Dial

Single, easy-to-use control for locking fast-forward, rewind and eject. Player stops and red indicator lights up at end of tape in play, rewind, fast-forward modes. Shafts adjust 13cm to 16cm. Size: 4.7x18x13 cm.

12-1884 ..... 159.95



### Included at No Extra Cost

Players on this page include both trim plates and nose pieces for a professional-looking fit, in or underdash.

**IMPORTANT:** All players include ample speaker cable, mounting hardware, instructions. All for 12VDC neg. gnd. only.



# AM/FM Stereo Cassette Players with Extra Features

## AM/FM Stereo/Cassette with LED Station Frequency and Time Display

**NEW FOR '81**

**269<sup>95</sup>**

- 14 Watts Total Output
- Auto-Eject • Adjustable Shafts
- Mounts In or Underdash

Dynamite sound, easy operation, accurate quartz time — a great combination for your car! Has a mono/stereo button for best FM reception, locking fast-forward and rewind for finding tape selections quickly, even a button to dim the display for night-time driving. Ejects cassettes automatically at end of tape in all modes, or when ignition is turned off. Shafts adjust 13x16cm. Size: 18x4.4x13 cm.

12-1889 ..... 269.95



**10:45**

**Built-In Clock! Displays Time When You Listen to Tapes, Displays Station Frequency When You Listen to the Radio!**

## Our Lowest-Priced In-Dash AM/FM Stereo/Cassette

**NEW FOR '81**



**129<sup>95</sup>**

- Lighted Radio Dial in Cassette Door • Auto-Stop
- Stereo/Mono Switch for Best FM • Shafts Adjust

Inserting a cassette starts this player and it stops automatically at end of tape. Pushbutton for locking fast-forward and eject. AM/FM switch. Rotary volume, tone tuning, balance. 8 watts total output. Shafts adjust 13 to 16 cm. Size: 18x4.4x12 cm. 12-1880 ..... 129.95

## AM/FM Stereo/Cassette for Vertical or Horizontal Mounting

**NEW FOR '81**

**159<sup>95</sup>**

- Lighted Radio Dial
- Play-Mode Auto-Stop

Everything's included for mounting vertically or horizontal



In-dash stereo at way below the cost of "factory-installed". Pushbutton locking fast-forward and eject, stereo/mono button for best FM, tape and FM stereo LED indicators. Auto-Stop at end of tape in play mode. 8 watts total output. Shafts adjust 12 or 13 cm. Size: 5.3x16x12 cm.

12-1892 ..... 159.95



## In-Dash Cassette Player with Pushbutton AM/FM Stereo Radio

**199<sup>95</sup>**

- Auto-Stop • Lighted Radio Dial

Pushbutton convenience, in-dash security, great stereo! One control selects locking fast-forward, rewind and eject. Player stops and indicator lights at end of tape in all modes. Stereo/mono button for best FM. 8 watts total output. Shafts adjust 13 to 16 cm. Size: 18x5.3x13 cm.

12-1891 ..... 199.95



**NEW FOR '81**

**Pushbuttons for Instant Selection of 5 Stations**



# 40-Watt Booster/Equalizers – Improve Your Autosound



**7 Bands, Fader Control**

**99<sup>95</sup>**

**NEW  
FOR '81**

**10-Segment LED Power Indicators for Each Channel**

Our best! Add it to your car stereo for dramatically improved dynamic range and tone. Only 1% total harmonic distortion at 30 watts — fills even a motorhome with superb stereo. Seven slide-action controls boost and cut 12 dB at 60, 150, 1000, 2400, 6000 and 15,000 Hz for complete tonal command. Front/rear fader, pushbutton on/off, LED "on" indicator. 5.0x14x15 cm. 12-1862 ..... 99.95



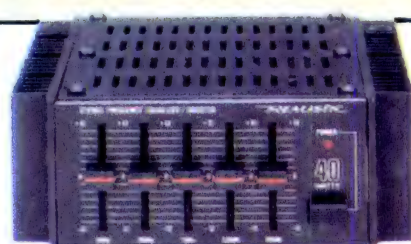
**5 Bands, Fader Control**

**89<sup>95</sup>**

**NEW  
FOR '81**

**Front/Rear Fader Balances 4-Speaker Systems**

Multiplies the audio power of your present system for far more satisfying sound — adds dynamic range, easily overcomes road and wind noise. And you get 5 bands of  $\pm 12$  dB slide-action control at 60, 250, 1000, 3500 and 12,000 Hz for sound just the way you like it. Only 1% total harmonic distortion at 30 watts. Pushbutton power on/off with LED "on" indicator, 5.0x13x15 cm. 12-1861 ..... 89.95



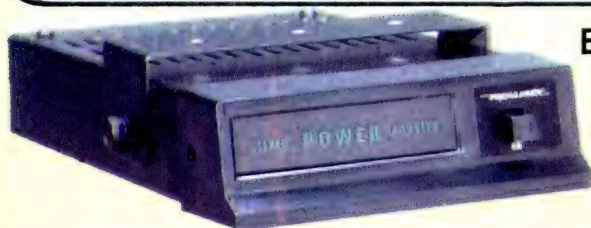
**5 Bands, Low Price**

**69<sup>95</sup>**

**NEW  
FOR '81**

**Ideal for Small Cars Where Only 2 Speakers Will Be Used**

Get plenty of power plus the flexibility of 5 adjustable audio frequency bands! Boost or cut response as much as 12 dB at 60, 250, 1000, 3500 and 10,000 Hz to suit your personal taste, compensate for your car's acoustics. Low 1% total harmonic distortion at 30 watts. Pushbutton on/off, LED "on" indicator. 5.0x13x15 cm. 12-1863 ..... 69.95



**Budget-Priced  
Booster**

**NEW  
FOR '81**

**29<sup>95</sup>**

Ideal addition to any car's stereo system! Improves dynamic range and sound — hear your favourite music over engine and road noise. Only 1% THD at 30 watts. 3.1x10x16cm. 12-1860 ..... 29.95

## Important Facts About Boosters!

Realistic® boosters are rated in total watts RMS output, left and right channels combined. For best results, four 8-ohm speakers with the required power handling capacity are recommended. Four speakers (each rated 10 watts RMS or higher) or 2 speakers (each rated 20 watts or more) can be used. All operate from 12VDC, neg. gnd. only. CAUTION: Except for 12-1860, do not use with "common ground" (3-wire) speaker hookups or Realistic high-power car stereos 12-1809/1886. All include hardware for underdash mounting and plug-in connection to your present stereo without rewiring.

**Universal AM/FM  
Auto Radio**



**NEW  
FOR '81**

**69<sup>95</sup>**

**Ideal for Truckers — Dual-Polarity Ground**

Great performance at a fraction of the cost of a factory-installed radio! Pushbuttons for AM, FM and Hi/Lo tone, lighted dial, built-in oval speaker, jack for external speaker, IC audio output for clear sound, FM and AM RF stages for long-range reception. 4.7x16x17 cm. With instructions, hardware for underdash mounting. 12VDC neg. or pos. gnd. 12-1351 ..... 69.95

**In or Under Dash  
AM Radio**



**NEW  
FOR '81**

**36<sup>95</sup>**

**Built-in  
10 cm Speaker**

What a value—priced about a third, or less, than "factory" AM radios! Fits in the dash of many cars and trucks — under dash of almost all. Hi/Lo tone switch, lighted dial. 4.4x14x16 cm. For 12VDC neg. gnd. only. With mounting hardware. 12-1352 ..... 36.95

**"Super Small"  
FM Converter**



**NEW  
FOR '81**

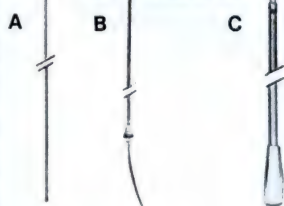
**29<sup>95</sup>**

Add it to your AM radio and start enjoying FM too. RF amplifier for high sensitivity. 4.6x10x13cm. Plug-in connections — no rewiring, uses your AM antenna. 12VDC neg. gnd. only. 12-1350 ..... 29.95



# Come to Tandy for Auto Radio Accessories

## Replacement Antennas & Masts

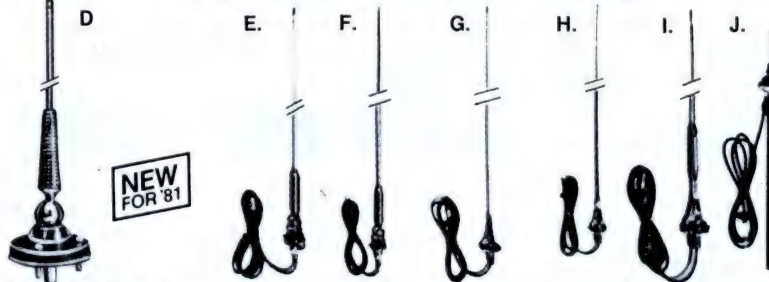


**A. Mast.** Fits over "stub" of broken antenna. 79 cm long, stainless steel, ideal for FM stereo. With locking screws. 12-1316 ..... 5.99

**B. Antenna.** One-piece stainless steel, for top cowl or fender. 79 cm long, ideal for FM stereo. 122 cm cable included. 12-1329 ..... 9.95

**C. Masts.** Fits over "stub". 3 sections extend 58 to 135 cm. Stainless steel, with 2 locking screws. 12-1309 ..... 4.99

## Antennas for Better Reception



**D. Heavy-Duty RV/Van/Pickup antenna** mounts on fender, roof, side panel — just about anywhere! Three-section stainless steel mast extends from 63 to 152 cm, adjusts to any position. Chrome swivel base, tapered shock spring. With mounting screws and 213 cm lead in. 12-1319 ..... 16.95

**E. 120 cm Fibreglass Whip Aerial.** Hardware included to make installation easy. Adjustable spring socket base for extra flex. 120 cm shielded cable. 12-9541 ..... 10.95

**F. 2m Fibreglass Whip Aerial.** Has adjustable spring mount to give extra flex and security. All mounting hardware and 120 cm shielded cable included. 12-9542 ..... 12.95

**G. 120 cm Fibreglass Whip Aerial.** Fixed mount type. All mounting hardware and shielded cable. 12-9543 ..... 9.95

**H. 2m Fibreglass Whip Aerial.** Fixed mount type. All mounting hardware and roof clip included. 12-9544 ..... 10.95

**I. 110 cm Steel Whip Aerial.** Stainless steel rod. Resists rust and corrosion. Spring loaded for extra flex. Includes shielded cable and all mounting hardware. 12-9059 ..... 7.95

**J. Lock Down Aerial.** Protects against theft and damage. 5 piece, extends to 110 cm. Includes all mounting hardware, 120 cm shielded cable. Chrome finish. 12-9057 ..... 6.95

## "Extra-Shielded" Cables & 3-Way Connector



**K. 61 cm Inline Extension.** Male connector at one end, female at other. 12-1312 ..... 2.29

**61 cm Male/Male Extension Cable.** 12-1314 ..... 2.29

**L. 3.6m Inline Extension.** Built-in capacitor. 12-1311 ..... 6.95

**M. Universal 3-way connector** connects 2 antennas to 1 radio input or 1 antenna to 2 radios. 12-1313 ..... 3.29

## Auto Lighter Plugs and 12VDC Outlets

**A 12V Outlet.** Add to RV, van or boat for portable radios, TVs, accessories. Rated 15A. With hardware. 270-1537 ..... 5.99

**B Auto Extension Cord.** 3m. For accessories. 8 amps. 270-1536 ..... 6.99

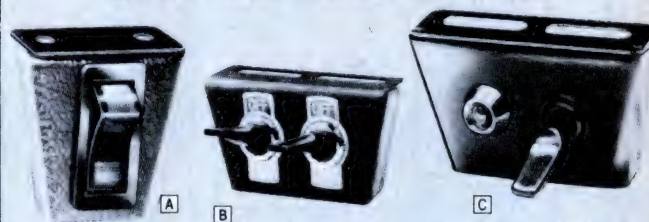
**C Lighter Plug.** Connects auto accessories quickly, easily. Fits std. lighter sockets. 8 amps. 274-331 ..... 1.39

**D Lighter Plug with Cord.** Same as above with 2.4 m 2-conductor 18 gauge cord. Stripped leads. 8A. 270-021 ..... 2.99

**E Auto Accessory Outlet.** Power 12VDC-operated equipment. In or underdash mtg., hardware included. 270-1539 ..... 6.69



## SPST Auto Panel Switches



**A Lighted 12VDC Rocker Switch Panel.** Rated 20 amps at 12VDC. Long-life lamp. Solder lug terminals. Mounting hardware. 275-704 ..... 4.99

**B Double Under-Dash Type.** Two separate toggle switches for auto circuits. Contacts rated 5 amps at 12VDC. Includes hardware. 275-702 ..... 2.99

**C Switch with Pilot Light.** Single 5-amp switch with 12VDC lamp assembly. Red lens. Complete with mounting hardware. 275-703 ..... 3.29

## Radio Noise Filters

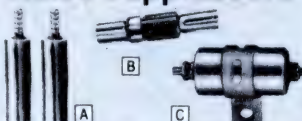


Low As **3.95**

**A Deluxe Filter.** Two L-C sections. Attenuates ignition/alternator noise in stereos or CB. Rated 5 amps. 270-050 ..... 14.95

**B Noise Eliminator Kits.** Each includes filter choke, capacitor and instructions. Standard Kit. 270-020 ..... 3.95 Heavy-Duty Kit. 270-030 ..... 4.95

## Noise Suppressors



**A Inductive Suppressors.** Stops "popping" noise in AM, FM, CB. 270-052 ..... Pkg. 2/3.69

**B Resistive Type.** Reduce spark plug noise. Installs in distributor. 270-012 ..... 1.19

**C Capacitive Noise Filter.** Installs in-line, suppresses electrical noise. Rated 0.5  $\mu$ F, 40 amps. 272-1085 ..... 4.99

## Low-Voltage Tester

**1.99**



*Ideal For Automotive Wiring*

**5-50 Volt Tester.** Red LED indicates live circuit. Checks AC or DC, identifies DC polarity. Also for boat, RV, doorbell, alarm circuits. 272-202 ..... 1.99

## Car Stereo Cable Sets



**A Cable Assembly.** 5-pin plug, with power leads, four 5.4m color-coded speaker leads. Fused. 270-014 ..... 6.95

**B Universal.** Fits 4 or 5-pin sockets. Fused. 270-017 ..... 2.99

**C Standard.** 5-pin plug. Fused. 270-041 ..... 1.99

Tandy for Value, Service and Reliability



# Auto Stereo Speakers — Matched Pairs to Fit Any Car

## 3-Way Hi-Fi System



**NEW  
FOR '81**

**69<sup>95</sup>**  
Pair

**60 Watts  
Power  
Handling  
Capacity**

**Our  
Finest  
Flush-Mounts**

High-powered sound! 5 1/4" air-suspension woofer with 20-oz. magnet, 1" voice coil; 2" midrange, 1" horn tweeter. Electronic crossover, snap-on metal grilles, mtg. hardware. No retainer rings required. 12-1856 . . . . . Pair 69.95

## 2-Way Hi-Fi System



**40 Watts Power  
Handling Capacity**

**69<sup>95</sup>**  
Pair

Surface mount on rear deck or other flat surface. 5 1/2" woofer, 2" tweeter, individually-mounted under open-mesh grilles. Electronic crossover network, sturdy molded housings. With mtg. hardware. 12-1853 . . . . . Pair 69.95

## 3-Way Hi-Fi System



**89<sup>95</sup>**  
Pair

Superb flush-mount speakers make high-power auto-sound equipment come alive! Individually-mounted 5 1/4" woofer, 2 1/2" midrange, and 2" tweeter with electronic crossover. Fits standard 6x9" cut-out. With mtg. hardware. 12-1854 . . . . . Pair 89.95

## 40-Watt Door Speakers

Especially suited for mounting in door panels — only 1 1/2" deep. 5 1/4" speakers. No retainer rings required. Metal grilles. 12-1855 . . . . . Pair 29.95

**29<sup>95</sup>**  
Pair

**Moisture  
Shields  
Included**



## Flush-Mount Speakers

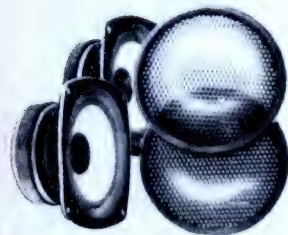


- Permanent, Professional-Looking Installations
- Include "Retainer Rings" for Instant Mounting without Removing Upholstery Panels
- Mount Inside Doors or in Rear Deck of Car
- Include Mounting Hardware and Instructions

## Surface-Mount Speakers

- Install Them in Minutes — No Openings to Cut
- Mount on Doors, Rear Deck, Under Dash or Seat — Just About Anywhere
- Simple to Remove, Re-Mount in Your Next Car
- Include Mounting Hardware and Instructions

## Deluxe 30-Watt Car Speaker Systems



**Acoustic  
Suspension Design**

**29<sup>95</sup>**  
Pair

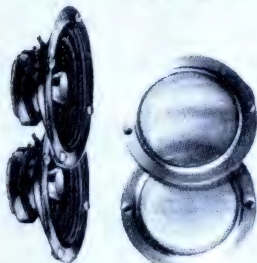
Features 5" speakers with 10-oz. magnets and 1" voice coils for deluxe sound. With molded vinyl grilles.  
Flush-Mount. 12-1848 . . . . . Pair 29.95

**20 x 19 cm  
Moulded Housings**

Acoustic-suspension design for rich, full sound. 5 1/4" speakers with cloth-rolled dual cones and 8-oz. magnets.  
Surface-Mount. 12-1849 . . . . . Pair 29.95



## 20-Watt Speaker Systems at Low Cost

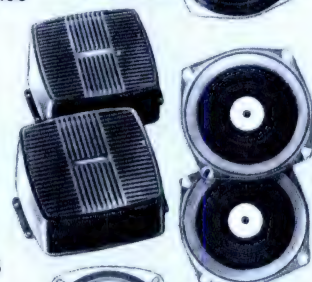


**Sturdy  
Chrome Grilles**

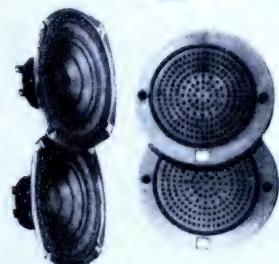
**19<sup>95</sup>**  
Pair

Add miles of listening pleasure to any car stereo system. Wide-response 5 1/4" dual-cone speakers with powerful 4 1/4-oz. magnets for truly impressive sound. Whizzer cones and corrugated constructions for durability. Choose surface or flush-mounts — both install easily.  
Flush-Mount. 12-1843 . . . . . Pair 19.95    Surface-Mount. 12-1844 . . . . . Pair 19.95

**18 x 18 cm Easy-Fit  
Housings**



## 20-Watt Speakers — Low-Priced Space Savers



**Molded  
Vinyl Grilles**

**14<sup>95</sup>**  
Pair

An economical way to add fine sound to any car. Small enough to fit even sub-compacts. Heavy-duty ceramic-magnet speakers. Molded 3" surface-mounts, 5" flush-mounts.

Flush-Mount. 12-1851 . . . . . Pair 14.95    Surface-Mount. 12-1852 . . . . . Pair 14.95

**Just 10 x 12 cm —  
Fits Most Anywhere**





# Realistic® Speakers and Accessories for Highway Hi-Fi



## Famous Minimus®-7 Goes Mobile

**59<sup>95</sup>** Each *Amazing Bass*

Brings big sound to car, van, RV. Heavy-magnet 4" woofer and wide-dispersion 1" tweeter give full-range response to 20,000 Hz. 40 watts. Diecast aluminum enclosure. 18x11x11 cm.

Black. 40-2030 ..... 59.95  
Silver. 40-2034 ..... 59.95

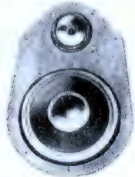
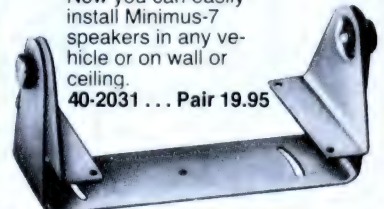


## Minimus-7 Metal Bracket

**19<sup>95</sup>** Pair *Fully Adjustable*

Now you can easily install Minimus-7 speakers in any vehicle or on wall or ceiling.

40-2031 ... Pair 19.95



## 2-Way Speaker

**39<sup>95</sup>** Each

Installs like a 6x9" speaker. 6" woofer, discrete tweeter. Handles 50 watts. 8 ohms.

40-1010 ..... 39.95

## 6x9" Speaker

*Massive Magnet* **24<sup>95</sup>** Each

40-20,000 Hz. Cloth roll construction, 1-lb. ceramic magnet, whizzer cone. 35 watts, 8 ohms.

40-1340 ..... 24.95



## 6x9" Speaker

**19<sup>95</sup>** Each

40-16,000 Hz. Cloth-roll suspension cone with whizzer tweeter for extended treble. 10-oz. ceramic magnet, 30 watts, 8 ohms.

40-1260 ..... 19.95



NEW FOR '81

## 4x10" Two-Way System

**29<sup>95</sup>** Each

Delivers 80-18,000 Hz response. 9.12 oz magnet. 25 watts. 8 ohms.

40-1295 ..... 29.95



Low As

**13<sup>95</sup>** Each

## 4x10" Speakers

50-18,000 Hz. Dual-cone, cloth-roll speaker, 10-oz. ceramic magnet, 30 watts. 8 ohms.

40-1297 ..... 15.95

Rigid metal basket for proper voice coil/magnet alignment. 5 oz. ceramic magnet. 10 watts. 4/8/16 ohms. 40-1243 ..... 13.95

## Wide Choice of Realistic Replacement Speakers and Accessories



**14<sup>95</sup>** Each

Handles 8 watts. 8 ohms. 3-oz ceramic magnet.

40-1002 ..... 14.95

**15<sup>95</sup>** Each

Handles 30 watts. 8 ohms. 10 oz. ceramic magnet.

40-1288 ..... 15.95



**10<sup>95</sup>** Each

Handles 10 watts. 4/8/16 ohms. 3-oz. ceramic magnet.

40-1261 ..... 10.95



**9<sup>95</sup>** Each

Handles 30 watts. 8 ohms. 10 oz. ceramic magnet.

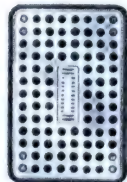
40-1298 ..... 9.95



**7<sup>95</sup>** Each

Handles 8 watts. 8 ohms. 5.3 oz ceramic magnet.

40-1241 ..... 7.95



## Speaker Grilles

## Volume Control



**2<sup>69</sup>**

Easily balance front/rear speakers. 40-550 ..... 2.69

## Hi-Power Stereo Fader

**7<sup>99</sup>**

Front/rear balance control for speaker pairs up to 50 watts. 270-048 ..... 7.99

## Stereo Selector/Fader

**6<sup>99</sup>**

Select stereo radio or tape. Front to rear balance control. 270-046 ..... 6.99

## Speaker Switch



**2<sup>69</sup>**

Select front, rear, or both. 40-540 ..... 2.69

## Stereo Fader

**5<sup>99</sup>**

Balance front and rear pairs of stereo speakers. 270-047 ..... 5.99

## Stereo Selector Switch

**2<sup>99</sup>**

Select stereo radio or tape. 270-045 ..... 2.99

Fig.	Description	Cat. No.	Each
A	5" molded	40-1291	3.95
B	5 1/4" grille	40-1290	5.59
C	6x9" chrome	40-1174	4.69
D	6x9" rear deck	40-1337	4.95
E	6x9" woodgrain	40-1334	6.59
F	4x10" grille	40-1338	5.95

Over 200 Tandy Stores and Dealers Nationwide — There's One Near You



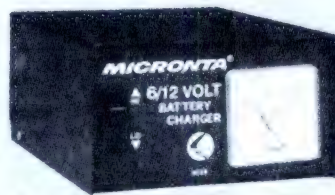
# Tandy Puts The Power Where You Need It!



A. **99<sup>95</sup>**



B. **69<sup>95</sup>**



C. **39<sup>95</sup>**



D. **36<sup>95</sup>**

**A. Variable Regulated DC Power Supply.** With output voltage continuously variable from 0-24 volts, with a maximum output current rating of 1 amp. An adjustable variable current limit circuit is incorporated to provide output current limiting within the range of 50 milliamps — 1 amp to enable circuit protection and battery charging. Features a large analog meter for measurement of current and voltage. Brushed aluminium front panel. 240 volts. 50 Hz. **22-9123 ..... 99.95**

**B. Heavy-Duty 8-Amp, 12VDC Power Supply.** For high-power car stereos or even complete vehicle component systems with separate tape decks, radios, equalizers, etc. Ideal for powering mobile CB's (including SSB). Ham rigs or most any 12VDC item or combination of items drawing up to 8 amps. All-metal cabinet with rubber feet. AC operation. **22-9125 ..... 69.95**

**C. Micronta 6/12 Volt Battery Charger.** Quality Micronta "blackbox" battery charger, suit 6 or 12 volt operation with front control switch for high or low charging rate and a large easy-to-read Amp. meter. Ideal for home use, car, boat or caravan. AC operation. **22-9200 ..... 39.95**

**D. Low-Cost 12VDC Power Supply.** Ideal for powering 12VDC autosound equipment. LED "on" indicator. Output of 1.75 Amps with a 5 amp surge rating. AC operation. 50 Hz. **22-9127 ..... 36.95**

## Compact Hand-Held Auto Engine Tester

- Do Your Own Engine Tuneups
- For Auto, Boat, Motorcycle

Dwell/tach/points auto tester with 7.6cm meter and D'Arsenval movement. Dual-range tachometer scale reads 0-1200 and 0-1600 RPM. Reads dwell angle from 0-45° and 0-60° on two scales. "Good-Bad" scale tells when to replace points. For 4, 6, 8-cylinder engines, 6 or 12V positive or negative gnd. Colour-coded test leads. Instructions included. **22-1641 ..... 19.95**

**19<sup>95</sup>**

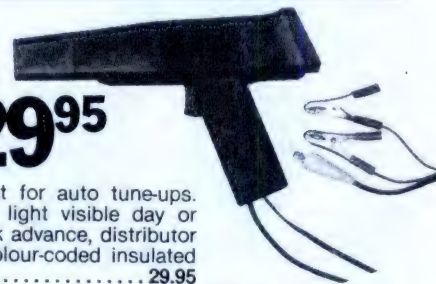


## DC Power Timing Light

- 6 & 12VDC Operation!
- Xenon Lamp!
- Pistol-Grip Trigger Action!

A professional quality timing light for auto tune-ups. Xenon flashtube gives blue-white light visible day or night. Checks ignition timing, spark advance, distributor camwear. Heavy-duty leads have colour-coded insulated clips, string spark adapter. **22-9015 ..... 29.95**

**29<sup>95</sup>**



## Auto Tune-up Analyzer

**69<sup>95</sup>**



Troubled by uneven motoring? Difficult starts? This Auto Tune-up Analyzer from Micronta will help you to do a top tune-up on your car. For 4-6-8 cylinder vehicles. Features an easy-to-read colour coded scale to tune for performance and economy. Only from Tandy Electronics. **22-9013 ..... 69.95**

## 12VDC Voltage Inverter

**29<sup>95</sup>**

Converts — 6VDC or +12VDC to — 12VDC



Now you can enjoy your 12VDC equipment in vehicles with non-standard (— 6VDC and +12VDC) electrical systems. Fully isolated output — ideal for AM, FM and CB radios and tape players. Delivers up to 3 amps. Fuse-protected against overload. 15x6.6x7.3 cm. **22-129 ..... 29.95**

## DC Auto Adapter—Reduces 12 Volts to 6 or 9 Volts



Includes Four Different Type Output Plugs

**12<sup>95</sup>**

Power portable equipment from your car, truck, RV or boat. Four different plugs fit almost all equipment with a DC power input jack. 6/9V switch, reversible output polarity. Delivers up to 300mA current. 1.8m cord plugs into lighter socket. For 12VDC negative ground only. **270-1561 ..... 12.95**

## Universal AC Adapter

- 3-Way Switch Provides 6, 9, 12 Volts
- Use House Current — Save Batteries
- Set of 4 Adapter Plugs to Fit Most Power Jacks Perfectly

NEW FOR '81

**9<sup>95</sup>**



Powers battery-operated transistor radios, cassette recorders, calculators — nearly anything that has a jack for external power. Includes 4 plugs — 2.5mm mini plug, 3.5mm mini plug, 2.1mm DC plug, 2.5mm DC plug. Each has reversible polarity 3-range voltage selector switch. For 240 VAC 50 Hz. Output 6, 9, 12 Volts at 200 mA. With 1.6m cord. **270-9552 ..... 9.95**



# Auto Accessories for Added Safety and Convenience



## Sensitive Radar Detector

**159<sup>95</sup>**

Mounts Easily to  
Windshield or Top  
of Dashboard

**Micronta Road Patrol XK.** Detects moving and stationary "X" and "K" bands at extended range. Warning light and audible signal pulse to indicate your relative distance to radar. Automatic sensitivity provides peak operation at all times. Green LED power indicator. Plugs into cigarette lighter. 12VDC. With mounting bracket and self-sticking adhesive. 22-1601 ..... **159.95**

## Our Finest Long-Range Radar Detector

*The Electronic "Sixth Sense"*

**269<sup>95</sup>**



**Micronta® Road Patrol LR.** So sensitive it even works over hills and around curves giving you both visual and audible warnings for all radar bands. Adjustable sensitivity, OFF, volume control, power-on indicator. Coiled power cord plugs into cigarette lighter receptacle. Filtered to reject non-radar signals. 12VDC. Includes mounting bracket and self-sticking adhesive. 22-1602 ..... **269.95**

## Radar Detector/CB Bracket

**19<sup>95</sup>**

*Instant Vacuum Mounting,  
Easy Removal From Cars,  
Trucks or Small Boats*



For easy transfer of CBs, radar detectors, ham rigs or other accessories weighing up to 6.8 kg. Mounts to any smooth, non-porous surface. 270-035 .. **19.95**

## Auto Lighter Plug Adapters

Power a CB, radar detector, tape player or other 12VDC accessories simultaneously from one lighter socket.

- A 2-Outlet Y-Adapter.** 8 amps. 270-1535 ..... **7.95**
- B 3-Outlet Adapter.** 15 amps. 270-1538 ..... **12.95**



## Portable Air Compressor — Makes Hand Pumps Obsolete!

**NEW FOR '81**



*Easy to Use —  
Plugs Into Your  
Car's Cigarette  
Lighter Socket!*



**39<sup>95</sup>**

A real work saver! Inflates tyres, rafts, beachballs and sporting equipment quickly, easily. You can also use it to pressurize water circulation systems in boats and recreation vehicles. Small yet powerful — delivers up to 80 lbs. of air pressure! Comes complete with 71cm air hose, 2.7m power cord and plug, plus 2 accessory nozzles. 61-2647 ..... **39.95**

## Hand-Held Quartz-Halogen Spotlight

**24<sup>95</sup>**

- Pierces Rain Fog and Snow
- Fits 12VDC Lighter Socket



Projects a sharply focused beam, 4 to 5 times brighter than auto high beams. With lens cover, hanger hook. Compact (11x8.5x16cm) and lightweight. The ideal road companion. 61-2649 ..... **24.95**

## High-Intensity Emergency Strobe Light

**16<sup>95</sup>**

*Get Help Fast  
Day or Night*



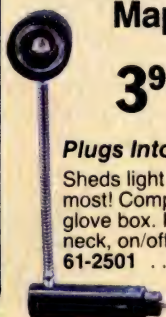
A pulsing flash 300 times brighter than ordinary flashlights. Weather sealed and compact. Wrist strap. Requires 2 "C" batteries.

61-2644 ..... **16.95**

## Flexible Auto Map Light

**3<sup>99</sup>**

**NEW FOR '81**



*Plugs Into Cigarette Lighter*

Sheds light where you need it most! Compact — store in glove box. Flexible 13cm long. neck, on/off switch.

61-2501 ..... **3.99**

## Magnet Utility Light

**NEW FOR '81**

**3<sup>99</sup>**



*Magnet Holds Light Under Hood, Trunk or Auto Body*

Ideal for night-time emergency repairs. Plugs into cigarette lighter. With convenient 3.6m retractable cord. 61-2502 ..... **3.99**



# Mobile-Alert<sup>TM</sup> Alarms for Your Car, Van, RV or Boat

## Silent Alarm Vehicle Security System **129<sup>95</sup>**



**"Silent Alarm" Coded Radio Signal "Beeps"  
Receiver to Alert You Up to 0.80 km Away That  
Your Car is Being Tampered with**

**Only You Hear the Alarm!  
The Thief Doesn't Know  
He's Been Detected and is  
Likely to Still Be There  
When Police Arrive!**

This advanced system can help protect your car from theft and vandalism. It features a "coded" radio transmitter and a pocket receiver that signals you and you alone when your car is in danger of intrusion. Two electronic sensors mount on car door posts or frame to detect tampering instantly! Just mount the mini-transmitter under the dash and connect to your existing car radio antenna. Take the miniature receiver with you to monitor your car's security. Adjustable sensitivity control. Transmitter, 11x6.9x3.1 cm. Receiver, 10x5.0x2.5 cm. With instructions, cables, hardware. Receiver requires 2 "AA" batteries. For any 12VDC neg. ground vehicle. 49-491 ..... **129.95**

## Keyless Vehicle Alarm System with Motion Sensor



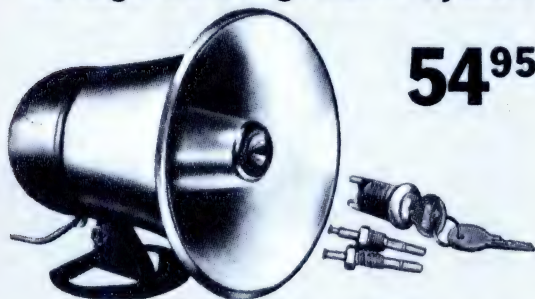
**NEW  
FOR '81**

**129<sup>95</sup>**

- Senses Opening of Hood, Trunk and Doors
- Motion/Vibration Sensor Detects Jacking, Towing and Tampering
- Automatically Arms Itself After You Leave the Vehicle
- 20-Second Entry Delay Allows You to Disarm the System with Ignition Key

Protect your car and any valuables inside against theft! Detects motion, tilt of vehicle and tampering with hood, trunk and doors to prevent any type of vandalism or pre-entry damage. Automatically arms itself 45 seconds after car has been turned off and last door closed. Disturbances to the system will cause an immediate alarm. Electronic siren blasts intermittently for approximately one minute, after which the system automatically resets to detect further disturbances, 20-second entry delay allows owner to disarm the system with ignition key. Comes with compact control module/motion sensor that can be easily concealed. Includes instructions, cables and hardware. For any 12VDC neg. gnd. vehicle. 49-493 ..... **129.95**

## Voltage Sensing Alarm System



**54<sup>95</sup>**

- Guards Trunk, Hood and All Doors
- Protects CB, Tape Player, Accessories

Protection for your car, van, RV or boat. Alarm delivers high-intensity sound! Voltage sensor and extra lead to protect CB/tape units. Two minute auto shutoff. Switches for trunk and hood, lock switch and 2 keys, wire, hardware, instructions. 12VDC neg. gnd. 49-480 ..... **54.95**

## Siren Auto Alarm System

**44<sup>95</sup>**

A complete security system for your car, van, truck, recreation vehicle or boat. Includes 6 switches, 2 keys, lock, wire and all hardware. For all 12V negative ground vehicles. Easy to install, provides low cost protection against theft or vandalism for your vehicle or boat! 49-492 ..... **44.95**

Extra Alarm Switches. 49-509 ..... Pkg. of 2/3.99



## Motion Sensor Switch

**NEW  
FOR '81**

**6<sup>95</sup>**

Detects motion and tilt of your vehicle, prevents jacking, towing and tampering. Mounts easily under hood, can be added to any of the above security systems (except 49-493). 16x6.0x3.4cm. 49-520 ..... **6.95**





# Tandy Makes You and Your Home More Secure

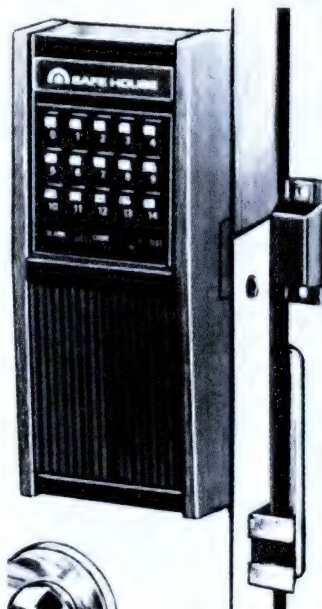
## Door Alarm and Entry Chime

NEW  
FOR '81

**24<sup>95</sup>**

- Alarm is Set Using Secret Keyboard Code
- Exit/Entry Delay
- Compact—Easy-to-Install

Attractive unit not only gives alarm protection, but the pleasant-sounding chime "announces" callers when the door is opened. Alarm is set and shut-off by entering a 3-digit code that only you know on the keyboard. LED indicator shows if you "punched-in" the right code. When the alarm is tripped it gives off a loud, shrill sound to scare off intruders. Delay feature lets you leave and return without setting off a false alarm. Requires 9V alkaline battery. 49-420 ..... 24.95



## Door Hanger/Portable Security Alarm



**32<sup>95</sup>**

For Wood or Metal Doors

Hang on door knobs or place inside valuables. When unit is moved it sounds a shrill, one-minute alarm. Adjustable sensitivity. Instant or delayed alarm. 11x6.9x5.0cm. Requires two 9V batteries. 49-460 ..... 32.95

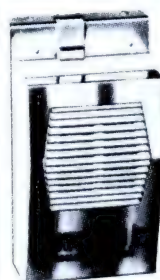


### Personal Powerhorn®

**6<sup>95</sup>**

Use to Summon Aid

Portable protection for emergency situations. One blast will attract attention and scare intruder away. Small enough to fit in your purse or pocket. Can be heard up to 0.80 km away. 49-600 ..... 6.95



### Powerhorn-Junior Security System

**3<sup>99</sup>**

Install Several in Your Home

Inexpensive protection for doors and windows. Loud built-in alarm. Easy-to-install. Includes mounting screws and adhesive backing. Requires 2 "AA" batteries. 49-494 ..... 3.99



### Door Hanger Guard

NEW  
FOR '81

**12<sup>95</sup>**

Use on Wood Doors

Designed for wood doors only. Hooks over the inside doorknob and sounds a piercing horn to alert you when there's tampering with the outside knob or lock. Adjustable sensitivity. Requires 9V battery. 49-461 ..... 12.95

### Barricade Door Lock



NEW  
FOR '81

**12<sup>95</sup>**

Ideal for door protection for total security! Pick proof — stops door movement. Panic proof — one finger release. Strong die-cast metal. Simple to install. 49-544 ..... 12.95



### Door Viewer

**6<sup>99</sup>**

Easy to Install

See who's there before opening your door! Outsiders can't see in. Super-wide 190° viewing angle. Solid brass. 49-542 ..... 6.99



### Sliding Door/Window Lock

Installs Easily

**3<sup>99</sup>**

Uses a bolt lock to prevent opening doors or windows. Includes mounting hardware. 49-541 ..... 3.99

### Patio Door/Window Lock



NEW  
FOR '81

**2<sup>29</sup>**

Steel pin keeps patio doors from being pried open or lifted out. Ideal for double-hung windows, too. Cap lock prevents jiggling of pin. 49-543 ..... 2.29



### Window/Door Slide Stop

**1<sup>69</sup>**

Halts Burglars!

Prevents sliding open windows or doors. Position stop for any size opening. Easy to install. 49-540 ..... 1.69



### Key Hide-Away

**99<sup>c</sup>**

Prevents Lockouts

Hide an extra car or house key. Magnet holds box to magnetic metal surface. 49-050 ..... 99c

There's A Tandy Store or Dealer Near You — Wherever You Are



# Motion-Detector Security Systems for Home/Office



Available Oct 30/1980

**NEW FOR '81**

## 239<sup>95</sup> Micro-Processor Intrusion Alarm

**SAFEHOUSE® RF Field Disturbance Alarm System.** Our best motion detector! Protects with an invisible beam of energy that detects movement within an area of 15m long (279 cubic metres). When an intruder is sensed, alarm sounds for eight minutes, then shuts off and resets. Keyboard arms and disarms the system with a 4-digit "secret" code. Time delay allows you to leave and return without setting off the unit. LEDs indicate system status. Built-in rechargeable battery activates automatically if AC power fails. Requires siren horn (49-500 right). 10x27x18 cm. AC operation.

49-320 ..... 239.95

**No installation — Just Plug In and Aim**  
Can Also Be Used with Window and Door Contact Switches



## Alarm Siren Horn

**49<sup>95</sup>**

Efficient weatherproof design for indoor and outdoor use. Handles up to 30 watts. 8 ohms.

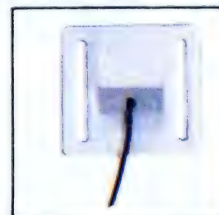
49-500 ..... 49.95

**Use Two — One Indoor and One Outdoor for Maximum Protection**

## Protect Lives and Property With a Water/Flood Alarm!

**NEW FOR '81**

**12<sup>95</sup>**



- Makes Homes and Boats Safer
- Alarm-Test Button and Indicator

A lifesaver! Inexpensive and dependable, it automatically sounds a piercing alarm to warn of water entering in basements, garage, utility rooms, boats — anywhere! Installs easily in minutes. Requires 9V battery.

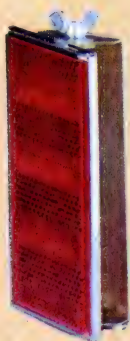
49-440 ..... 12.95

## Invisible Infrared Pulsed-Beam Announcer/Alarm System



One-Piece Receiver/Transmitter Unit

**89<sup>95</sup>**



Beam Reflector

A silent round-the-clock sentry. works as an alarm against intruders or as an announcing system for people entering a given area. Shoots a narrow beam of invisible infrared light across a given space of up to 15 metres to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound continuously with manual reset, to sound only while beam is broken with automatic reset, or to sound when beam is broken plus an extra 10 seconds. Features LED test/alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell, whooper. 10x7.6x18 cm. With adjustable mounting bracket. AC operation. 49-201 ..... 89.95

## Super Switch

**NEW FOR '81**

**29<sup>95</sup>**



Works for you by looking after your comfort and security either when you are out or when you are at home. Automatically controls electric lights and appliances by switching them On and Off at preselected intervals.

63-9801 ..... 29.95

**Shop Tandy For All Your Security Needs**



# Micronta® Electronic Clocks—Always On-Time

NEW  
FOR '81

## Jumbo LED Digital Alarm

39<sup>95</sup>

- Large, Easy to See and Read Digits
- 24-Hour Alarm • Snooze Control
- Hi/Lo Brightness • PM Indicator

Tell time quickly and easily. Big 4.5 cm red display can be seen from across the room. Contemporary styling fits any decor. Features include slow/fast time and alarm set, and a delay for intermittent power loss. If power failure lasts more than 5 seconds, all digits flash when power is restored. 10x22x6 cm. 63-823 ..... 39.95

Available Sept. 30, 1980



A 32<sup>95</sup>

**A. Fluorescent Digit Calendar Alarm.** Bright green 1.5 cm digits show hours/minutes/month/date, plus AM and PM. Snooze control, 24-hour alarm, and 5-second delay for intermittent power failures. Brushed aluminium front, simulated woodgrain top panel. 7.6x17x11 cm. AC operation. 63-817 ..... 32.95



B 29<sup>95</sup>

NEW  
FOR '81

**B. Dual Alarm Calendar Clock.** Unique "his" and "hers" alarm settings. Built-in memory stores alarm times in case of power failure. Time and alarm can be set forward or reverse. Red 1.7cm LED display and hi/lo brightness. Requires 9V battery for memory back-up. 6.3x16x8.8 cm. 63-775 ..... 29.95



C 26<sup>95</sup>

NEW  
FOR '81

**C. Digital LED Alarm.** Hours/minutes plus AM indicator. Automatic display dimmer, big 2.2 cm digits, snooze button, 24-hour alarm, and 5-second delay for intermittent power loss. Attractive brushed aluminium front panel. 8.8x17x7.6cm. AC operation. 63-821 ..... 26.95



D 22<sup>95</sup>

NEW  
FOR '81

**D. Fluorescent Alarm Clock.** Wake to a pleasant "beep" tone and then push down anywhere on the top of clock for "snooze". AM/PM indicators, 24-hour alarm, hi/lo brightness, 1.5cm green display, fast/slow time set. 5.0x11x10 cm. 63-751 ..... 22.95



E 19<sup>95</sup>

NEW  
FOR '81

**E. LED Alarm Clock.** Low-cost, accurate time in a feature-loaded, compact size. 1.7 cm red display, 24-hour alarm — set it for night or day, snooze control for a few extra minutes of rest, PM and alarm "on" indicators, and fast/slow time set. 5.3x14x8.2cm. AC operation. 63-822 ..... 19.95



F 22<sup>95</sup>

NEW  
FOR '81

**F. Digital LED Alarm.** Wakes you to a pleasant "beep" tone. Top-mounted alarm on/off and snooze bar. Display dimmer switch, PM indicator and hidden pushbuttons for easy time and alarm set. Wake indicator shows alarm is on. 1.2cm digits. 5.5x10x11 cm. AC operation. 63-814 ..... 22.95



G 22<sup>95</sup>

NEW  
FOR '81

**G. Cordless Quartz Wall Clock.** No more tangled power cords! Operates up to one year on alkaline "C" battery (not incl). Quartz accuracy in an analog design, with "click-stop" second hand. Can be mounted on wall or placed on shelf. Simulated walnut grain finish. 25x25x6.3cm. 63-801 ..... 22.95



H 18<sup>95</sup>

NEW  
FOR '81

**H. LED Alarm Clock.** Our lowest-priced digital display time alarm. Distinctive styling and fit anywhere size. Features a 24-hour alarm that can be set to sound anytime and for a few extra minutes of sleep — a snooze control. 1.7cm red LED digits. 5.3x14x7.6 cm. AC operation. 63-824 ..... 18.95

Available Sept. 30, 1980



# Tandy's Dependable, Go-Anywhere Timepieces

## Micronta Digital Wristwatches



A

**49<sup>95</sup>**

### LCD Quartz Chrono Alarm Watch

- Time with PM Indicator
- Stopwatch with Lap Time
- Reads Month, Day, Date
- 24-Hour Alarm Setting

[A] An electronic watch that does much more than just tell time. Always-on display gives up-to-the-second accuracy, and the press of a button shows day and date — all controlled by a precise quartz crystal. Large, backlighted numerals for easy reading — even in the dark. Easy-to-set alarm wakes you when travelling or reminds you of appointments. Alarm set indicator. Mineral lens. Integrated stainless steel band is adjustable without removing or adding links. With battery. 63-5006 ..... **49.95**



B

**39<sup>95</sup>**

### LCD Quartz Alarm Watch

- Hours, Minutes, Seconds with PM Indicator
- Month, Day, Date Calendar
- Built-In 24-Hour Alarm

[B] New low price! Same big features as above but without stopwatch. 63-5005 ..... **39.95**



C

### Sport LCD Quartz Chronograph

- Accurate Time Plus Month, Date, Day • Stopwatch

[C] Looks sharp and performs great. Shows hours, minutes, and seconds with PM indicator. Internal stopwatch is accurate to 1/100th of a second and features both lap and total timing. Large, easy-to-read display with backlighting. Handsome, black polycarbonate case. With battery. 63-5007 ..... **29.95**



NEW FOR '81

**29<sup>95</sup>**

## High-Performance Digital Car Clocks



A

**28<sup>95</sup>**

### Versatile!

Both Models Mount Easily In Dash, Under Dash or Glovebox Door!



B

**26<sup>95</sup>**

Both Include Mounting Bracket and Brightness Control

- [A] **Fluorescent Display Mini Car Clock.** High contrast display adds beauty and convenience to any car. Automatic brightness. Display blanked out when ignition is turned off. 12VDC neg. gnd. 5.3x11x2.5 cm. 63-832 ..... **28.95**
- [B] **LED Mini Car Clock.** Same as above, but red LED display and manual brightness control. 3.8x8.8x3.4 cm. 63-833 ..... **26.95**

## LCD Quartz Travel Alarm

NEW FOR '81

**29<sup>95</sup>**

- 24-Hour Alarm
- AM and PM Indicators



Fits in the palm of your hand! Shows hours and minutes with quartz crystal accuracy. Features snooze control, backlighting for viewing in the dark, and "pop-out" stand. Perfect for business trips and vacations. Includes vinyl carrying pouch, battery. 4.9x6.8x0.95cm. 63-701 ..... **29.95**

## LCD Quartz Clock Calendar

NEW FOR '81

**32<sup>95</sup>**

- Time and Date At a Glance
- Displays Seconds

Accents any desk! Mounted in a clear plastic base and angled for easy viewing. Removable calendar plates show any month. Quartz control for precise time and date 1.2 cm display, 11x16cm. Requires "AAA" battery. 63-725 ..... **32.95**



## Hand-Held 6-Digit LCD Stopwatch

**36<sup>95</sup>**

- Times to 1/100th of a Second
- Clock Reads Hours, Minutes, Seconds

Outperforms conventional type watches because it's more accurate and easier to read. Doubles as a calendar to show month, date, and day. Liquid Crystal Display has backlighting for night use. Impact resistant molded case, carrying strap, battery. 8.2x4.4x1.4 cm. 63-5003 ..... **36.95**



Tandy Electronics, for value, service and reliability



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# Tandy Stores/Dealers Directory

## SYDNEY:

*AUBURN 114 South Parade	6492968
*BANKSTOWN T60/61 Bankstown Square	7096423
*BAULKHAM HILLS 2 Olive Street	6398870
*BLACKTOWN Shop 38, Westpoint Shopping Centre	6212379
*BONDI JUNCTION 1st Floor, Cnr Oxford & Waverley Sts	3892945
*BROOKVALE 658 Pittwater Road	9382778
*BURWOOD Shop 50, Burwood Plaza, Railway Parade	746312
*CAMPELLTOWN 79 Dumaresq Street	(046) 253524
*CAMPSPICE Shop 7, 281-287 Bealish Street	7895889
*CARLINGFORD Shop 65, Carlingford Court	8723397
*CHATSWOOD Shop P4, Chatswood Plaza, (Western Side)	4113596
*CROWS NEST Cnr Falcon & Alexander Streets	430205
*DEE WHY 902 Pittwater Road	984096
*EASTWOOD 263 Rowe Street	8583898
*EMERTON Emerton Village Centre, Jersey Road	6286470
*FAIRFIELD Shop 8, Westfield Shopping Centre, Smart Street	7273863
*GLADESVILLE 309 Victoria Road	
*GORDON Shop 4, 9-11, St John's Avenue	4981916
*HORNSBY 28 Burdett Street	4771673
*HURSTVILLE Shop 9/10, 309 Forest Road	5703782
*LEICHHARDT Shop 67, Leichhardt Markettown Centre	5691098
*LIVERPOOL Shop 3, 28 Railway Street	6012753
*MANLY 39 Sydney Road	9773889
*MASCOT Shop 1 & 2, 1105 Botany Road	6931918
*MAROUBRA 2/699 Anzac Parade	3445683
*MARRICKVILLE 111 Marrickville Road	5698048
*MERRYLANDS 209 Merrylands Road	6374448
*MIRANDA Fountain Court Level, Miranda Fair	5253350
*MOOREBANK Shop 3, Liverpool East Shopping Centre	6024232
*NORTH ROCKS Shop 3, Westfield Shoppingtown	8721859
*PARRAMATTA 38 George Street	6332218
*PARRAMATTA West Westfield Shoppingtown	6332971
*PENRITH 401 High Street	(047) 316064
*REDFERN 143 Redfern Street	6995328
*RYDALMERE 280 Victoria Road	6386953
*ROCKDALE 460A Princes Highway	5971126
*SEVEN HILLS Shop 21, Regional Centre	6227507
*ST. MARYS Shop 3, 167-171, Queen Street	6235878
*SYDNEY 367 Pitt Street	613959
*SYDNEY 127 York Street	294224
*SYDNEY Surt 2, Basement Level, Angel Arc, 119-123 Pitt St	2362118

## N.S.W. COUNTRY:

*ALBURY 554 Olive Street	216099
*ARMADALE 119 Beardsy Street	721848
*BATEMANS BAY Bay City Sight & Sound, 8 Annetts Arc	725030
*BATHURST Sound of Music, 87 George Street	314421
*BOWRAL Top 'O' The Town, Springford Arcade	613276
*COFFS HARBOUR 37 Grafton Street	522211
*CONDOBOLIN Condoobolin Colourvision & Services P/L 106 Bathurst Street	952368
*COOTAMUNDRA Max Rudd, Pty. Ltd., 151 Parker Street	422692
*COWRA Martins, 57 Kendal Street	422821
*DUBBO 131 Talbragar Street	825011
*GOSFORD 42W Imperial Centre, Mann Street	243392
*GOULBURN 230 Auburn Street	215992
*GRAFTON 119 Pound Street	424205
*GRIFFITH The Record Centre, 222 Banna Ave	621577
*GUNNEDAH Turner's Sports Store, 166 Conadilly Street	422230
*INVERELL Stockman & Higgins, Jacks Arcade, Byron Street	221300
*KATOOMBIA Conquest Electronics Pty. Ltd., 212 Katoomba St	822491
*KEMPSEY Frisys Pharmacy, 50 Elbow Street	624883
*KURRI KURRI Lightfoot's Autoparts, 139 Lang Street	372313
*LEETON Leeton Record Centre, 121 Pine Avenue	532081
*LISMORE Decro Electronic Services, Cnr Magellan & Dawson Streets	214137
*LITHGOW Douzay Photographic Service, 150 Main Street	513173
*MOREE Phillip Jones & Company, 51 Heber Street	521306
*MUDGEY Darryl Adams TV & Radio, 100A Church St	721822
*MUSWELLBROOK Upper Hunter Sports Store, 52 Bridge St	433172
*NOWRA South Coast Organ Services, The Village Centre, Wongee Street	25552
*ORANGE 289 Summer Street	624025
*PARKES Merv Griffin Radio, 183 Clarinda Street	622593
*PORT MACQUARIE Port Pharmacy Pty. Ltd., 36 Horton Street	831019
*SCONE Upper Hunter Sports Store, 135 Kelly Street	452096
*SINGLETON Gary's Electrical, 129 John Street	721611
*TAMWORTH 32 Kable Avenue	663574
*TAREE 234 Victoria Street	523633
*TORONTO Satellite Television Services P/L Shop 20 60 The Boulevard	591166
*TUMBARUMBA Tumburumba Pharmacy, 23B The Parade	482031
*TWEED HEADS Shop S 5/2 Tweed Mall	364357
*WAGGA 19 Bayliss Street	214421
*YASS John Warrington, 116 Cornar Street	261411
*YOUNG Keith Donges Electronics, 186 Boorowa Street	821279

## NEWCASTLE:

*CHARLESTOWN 193 Pacific Highway	430651
*EAST MAITLAND 302 High Street	334982
*ADAMSTOWN Shop D7, Garden City Shopping Centre	524198
*NEWCASTLE 788 Hunter Street West	692207

## WOLLONGONG:

*FIGTREE Westfield Shoppingtown	293176
*WOLLONGONG Shop 30, Crown Centre, 200 Crown Street	284413
*WARRAWONG Shop 15, Warrarong Regional Shopping Centre	743874

## CANBERRA:

*BELCONNEN Shop 85, Belconnen Mall, Benjamin Way	511139
*CANBERRA CITY Shop 13, Upper Level, The Boulevard	498942

*FYSHWICK Cumberland Court, Wollongong Street	805530
*PHILLIP Upper Level Woden Plaza	815995

## MELBOURNE:

*AIRPORT WEST Shop 54, Airport West Shoppingtown	3387642
*BENTLEIGH Shop 3, 385 Centre Road	5578117
*BLACKBURN NORTH Shop 38/39, Blackburn Square	8781568
*BORONIA Boronia Village	7625050
*BROADMEADOWS Shop 11, Meadow Fair Shopping Centre	3095265
*BRIGHTON NORTH 335 Bay Street	5963985
*BRUNSWICK 452 Sydney Road	3808766
*CARNEGIE 96/96A Koornang Road	5698848
*CHELTENHAM 20 Station Road	5504871
*CHIRNSIDE PARK Shop 717, Chirnside Park Shop Cen. Lillydale	7265338
*CLAYTON 331 Clayton Road	5446169
*COBURG 41 Waterfield Road	3543478
*DANDENONG Shop 37, Upper Level, Dandenong Hub	7916972
*DEER PARK Shop 68, Deer Park Shopping Centre	3636015
*ELSTERNWICK Shop 2, 486 Glenhutti Road	5286887
*FOOTSCRAY 118 Hopkins Street	684493
*FOREST HILL 37 Mahoneys Road	8776797
*FRANKSTON Shop 2, Cnr Beach & Olsen Streets	7811527
*KEYSBOROUGH Parkmore Shopping Centre	7985099
*MOONBEND 22 Holmes Road	3705039
*MELBOURNE 452 Lonsdale Street	5633193
*MT. WAVERLEY 9 Hamilton Place	2770551
*NORTHCOOTE Northcoote Arcade, 319 High Street	4896532
*PORT MELBOURNE 285 Bay Street	643571
*PRAHRAN 251 Chapel Street	512111
*PRESTON 312 High Street	4783462
*RICHMOND 416 Bridge Road	4282967
*SUNSHINE 17 Dickson Street	3118711
*SPRINGVALE Shop 3/288 Springvale Road	5478451
*ST. KILDA Shop 2, 149 Acland Street	5344113
*VERMONT SOUTH Shop 24, Vermont South Shop, Cen	2334213
*WATSONIA Shop 6, Diamond Village Shopping Centre	4350152

## VIC COUNTRY:

*BALLARAT 209 Sturt Street	314913
*BENALLA Allied Audio Centre P/L, 71 Bridge Street	623623
*BENDIGO Shop 19, Fountain Plaza, View Point	423035
*CASTLEMAINE Baillies Pharmacy, 195 Barker Street	721019
*COBDEN Cobden Pharmacy, 43 Curdie Street	951057
*COLAC Coghlin The Chemist, 94 Murray Street	312491
*CORIO Shop 17, Corio Village Shopping Centre	752348
*ECHUCA Webster Electronics, 101 Hare Street	822956
*GEELONG 171-181 Moorabool Street	98731
*HAMILTON Civic Centre Television, 112-114 Thompson St	721955
*HASTINGS Fred Baynes Guardian Pharmacy, 47 High Street	791513
*HORSHAM Lindsay Smith Radio, 84 Firebrace Street	821042
*KYABRAM Gorr's Pharmacy, 174 Allan Street	522186
*MARYBOROUGH Millikan's Amcal Chemists, 131 High Street	611005
*MILDURA Unipart Centre, 48 Madden Avenue	232882
*MORNINGTON Rattray & Walker P/L Mornington Shop, Village	754425
*MORVELL Turpin & Wilson, 47 Buckley Street	342453
*PORT FAIRY McLeans Pharmacy, 35-37 Sackville Street	511795
*PORTLAND Portland Retrovision Discounts, 39 Julia Street	231179
*ROSEBUD Bayne & Trembath, Guardian Chemists 3 Bonoa Road	868288
*SALE W. D. Leslie Pty. Ltd., 363-375 Raymond Street	442677
*SHEPPARTON 154/6 High Street	211796
*SWAN HILL Dunoon The Chemist, 211 Campbell Street	322838
*TATURA Zappia's Pharmacy, 155 Hogan Street	241043
*TRARALGON Grant & Fitzsimon, 103 Seymour Street	742000
*WANGARATTA Allied Audio Centre Pty. Ltd., Shop 1/2, 111 Murphy Street	216808
*WARRNAMBOOL Rae Enterprises P/L, 160 Korait Street	627417
*WARRAGUL James Discount Lighting, 74 Smith Street	236544

## BRISBANE:

*BRISBANE 381 Adelaide Street	2295133
*CANNON HILL Shop 20, Galaxy Plaza Shopping Centre	3906619
*CARINA Shop 32, Carindale Shop, Cen. Creek Rd	3989063
*CHERMIDSE Shop 17, Chermidale Shopping Centre	597180
*FORTITUDE VALLEY 191 Brunswick Street	524036
*INDOROOPIPLY Shop 124, Indorooopilly Shoppingtown	3788590
*LUTWYCHE Cnr Bradshaw St & Lutwyche Road	573214
*MOOROOKA 207 Beaudesert Road	3922561
*MT. OMMANEY Shop 20, Centenary Shopping Centre	3763434
*REDCLIFFE Shop 12, Sutton Centre, Sutton Street	2848476
*SUNNYBANK Shop 27A, Sunnybank Plaza Shop, Cen.	3455239
*WOORIDGE Shop 26, Woordridge Plaza, Wembley Road	2080093
*WOOLLOONGABA Cnr Catherine Street & Annerley Road	3917628
*WYNNUM 108 Edith Street	3966979

## OLD COUNTRY:

*AIRLIE BEACH Airlie Pharmacy, 39 Shute Harbour Road	466156
*BEENLEIGH Beenleigh Pharmacy, 114 City Road	2872554
*BILOELA Biloela Agencies, 50 Calidie Road	921289
*BUNDABERG Shop 9, Sugarland Shoppingtown	724122
*CAIRNS AAB Equipment P/L, 31 Mulgrave Road	511795
*CALOUNDRA Dwyer's Electrical Supplies, 31 Bulcock St	912810
*CHARLEVILLE Charleville Body & Radiator Works, 79 Galatea St	406
*CHARTERS TOWERS Northern & Western Duplicitors, 129 Gill St	1026
*DALBY Universal Services, 76 Cunningham Street	623228
*EMERALD Emerald Electrical P/L 44-46 Egerton St	821821
*GATTON Cooks Electrical, Gatton Shopping Centre Spencer Street	621686

*GAYNDAH Grants Electrical, 21 Meson Street	94
*GLADSTONE 29 Tank Street	721761
*GYMPIE Gympie Musicland, 50 Mary Street	823226
*IPSWICH 33 Nicholas Street	2816733
*KINGAROO Kingaroy Discounts, 180 Kingaroy Street	721544
*MAROOCHYDORE Sunshine TV, 62 Aerodrome Road	431611
*MARYBOROUGH Beresford's Cameraland, 382 Kent Street	212521
*MT. ISA G & R Handy Electrical Services 71 Barkly Highway	433331
*NAMBOUR Hayne & Perrin Pharmacy, 65 Currie Street	411322
*PALBA Palba Music, 271 The Esplanade	282037
*ROCKHAMPTON NORTH Webbers Discount House, K-Mart Plaza	276544
*ROMA Barry McCabe Chemist, 84 McDowall Street	222211
*ST. GEORGE St. George TV Hire Service, 97 Victoria Street	456
*SOUTHPORT Shop K6, Sundale Shopping Centre	325353
*TOOGOOMLAH Alan Roughan Chemist, 89 Cressbrook St	831341
*TOOWOOMBA 135 Margaret Street	327807
*WARWICK Audivision, 74 Fitzroy Street	613131

## ADELAIDE:

*ADELAIDE 94 Gawler Place	2233842
*BLACKWOOD 168 Main Road	2786292
*BRIGHTON 525 Brighton Road	2987130
*CHRISTIES BEACH 27 Beach Road	2823757
*FINDON Shop 1/2-127 Findon Road	2682364
*GILLES PLAINS Shop 12/13 Gilles Plains Shopping Centre	2618334
*GLENELG 42-44 Jetty Road	2954181
*GLEN OSMOND 401 Glen Osmond Road	791446
*KILBURN Shop 4/5 392 Prospect Road	2625521
*NORWOOD 252 The Parade	313130
*PROSPECT Shop 35, Northpark Shopping Centre	2693738
*SALISBURY Shop 6, Parabanks Shopping Centre	2586266
*ROSEWATER 156 Grand Junction Road	476180
*TORRENSTOWN 162 Henly Beach Road	3524459
*UNLEY 129 Unley Road	2726313
*WESTLAKES Westlakes Mall	3569629

## S.A. COUNTRY:

*CEDUNA Spry's Retrovision Electrical & Furniture, 50 Poynton Street	782347
*GAWLER Harogre Gift Centre, 94 Murray Street	221543
*KADINA Kadina Auto Supplies, 15 Graves Street	211188
*LOBETHAL Pay n Pak, 73 Main Street	896065
*MT. GAMBIER Murray T. Martin Pharmacy, 23-25 Commercial Street	252425
*MURRAY BRIDGE LMI Pty. Ltd. 6 South Terrace	321880
*PORT AUGUSTA Port Augusta Toyworld, 3 Church Street	423277
*PORT LINCOLN Lincoln TV Service, 22 Liverpool Street	822606
*PORT PIRIE Stevens Sound Centre, 124 Ellen Street	321473
*WHYALLA 37E Patterson Street	459144

## PERTH:

*CANNINGTON Shop 77, Carousel Shop, Cen. Albany H'way	4512174
*COTTESLOE Grove Plaza, Stirling Highway	3832279
*EAST VICTORIA PARK The Park Centre, Albany H'way	3611791
*GARDEN CITY Shop 32, Garden City, Shopping Centre	3648202
*KARRINYUP Shop 21, Karrynup Shopping Centre	4462422
*MIDLAND Shop 34, Midland Gate	2742000
*MIRRABOOKA Shop 19, Mirrabooka Shopping Centre	3441549
*PERTH 208 Beaufort Street	3286503
*WHITFORD City Shop 15A Whitford City Shopping Centre	4018063

## W.A. COUNTRY:

*ALBANY Dog Rock Trading Co. Shop 15, Dog Rock Shop, Cen.	415583
*GERALDTON Geraldton TV & Radio Services Co. 20-26 Anzac Tce	212777
*MANDURAH Lance Rock Retrovision, 6 Sholl Street	351246
*ROCKINGHAM Lindsay Marsh & Co. 33 Rockingham Rd	273884

## TAS:

*HOBART P.A.C. Electronics Division, 202 Elizabeth St	231723
*LAUNCESTON H & S Electronics, 104 Charles St	318942
*ULVERSTONE Mega Electronic Services, Roelf Vos Arcade	252917

## N.T.:

*ALICE SPRINGS Alice Springs Gas Centre, Telford Alice Complex, Gregory Terrace	521266
*CASUARINA Hi-Fi & Hobbies, Shop 51, Casuarina Shop, Cen.	272513
*GOVE Gove Pharmacy, Endeavour Square, Town Centre, Nhulunbuy	871155
*DARWIN Radio Parts P/L, Central Mall, Smith Street	818508

## TANDY COMPUTER STORES:

NSW: *SYDNEY 61 York Street	
OLD: *MAYNE 131 Abbottsford Road	522091
VIC: *CAULFIELD SOUTH 721 Glenhutti Road	5239717
*MELBOURNE Shop 1, 282 Lonsdale Street	6631766
S.A.: *ADELAIDE 88/90 Gawler Place	2232589
W.A.: *PERTH 208 Beaufort Street	3284122

Nearly 250 Stores  
Australia-wide and  
more to open  
this year.  
There's One  
Near You!

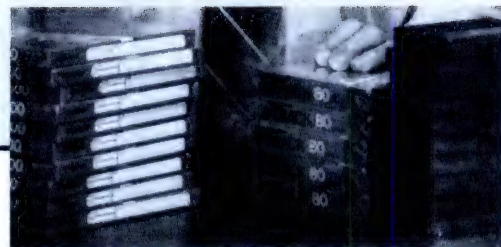


Asterisk (\*) Denotes a Tandy Electronics Dealer trading in this town



# ATTENTION QUANTITY BUYERS...

GET DISCOUNT PRICES ON ANYTHING IN THIS CATALOGUE!  
(Prices and Terms Optional at Dealer Stores)



Discount prices up to 40% off Catalogue No. 156 "each" prices are available to quantity purchasers. Terms: NET 30 days, FOB Tandy store or warehouse nearest you. Great for premiums and sales promotions, educational and institutional needs.

Page	Equipment	6-11 of One Item	12-49 of One Item	50-499 of One Item	500-Up of One Item
78-80	Antennas, TV/FM	10%	15%	20%	25%
77, 80-82	Antenna Accessories	—	10%	20%	25%
4-21	Audio Components (Receivers, Amps, Tuners, Changers)	10%	15%	20%	25%
18, 22-26, 42-43	Audio Components (Speakers, Headphones, Microphones, Frequency Equalizers)	10%	15%	20%	25%
52-53, 59	Audio Accessories	—	15%	25%	33%
27, 42, 44-47	Auto Tape Players, Radios, Accessories	10%	15%	20%	25%
58, 60-63	Batteries (RS Brands)	—	10%	20%	30%
118-120	Batteries (Other Brands)	5%	7%	10%	20%
119	Books	10%	20%	25%	33%
135	Calculators	5%	10%	15%	20%
139-140	CB Transceivers (Base, Mobile, Walkie-Talkies)	10%	15%	20%	25%
83-85	CB Antennas and Accessories	—	10%	15%	30%
86-89	Computers/Peripherals (Hardware)	See Store Manager			
142-144, 146, 147	Computer Software, Books, Accessories	10%	15%	17%	20%
135, 145	Electronic Components — Wire Intercoms	—	10%	25%	33%
92-109	Kits (Science Fair & Archer Kits)	10%	15%	20%	25%
56	PA Equipment (Amplifiers)	5%	10%	15%	20%
121-123	Phonos (Compacts)	10%	15%	20%	25%
54		5%	10%	15%	20%
2		5%	10%	15%	20%

• MUNICIPALITIES • SCHOOLS • CHURCHES  
• LABS • BUSINESSES • CLUBS • FACTORIES

Page	Equipment	6-11 of One Item	12-49 of One Item	50-499 of One Item	500-Up of One Item
128-134	Radios (Clock, Portables, Stereo Novelty)	7%	12%	17%	20%
124-125	Radio-Controlled Toys	5%	10%	12%	20%
136-137	Communications Receiver, Accessories	10%	15%	20%	25%
68-71	Security Devices	7%	12%	20%	25%
48-50, 64, 65	Speakers, Unmounted	10%	15%	20%	25%
28-36	Tape Recorders and Players	7%	12%	17%	20%
37-39	Tape, Blank Recording	—	10%	20%	25%
38-41	Tape Accessories	10%	15%	20%	25%
66, 86, 90-91, 116	Test Equipment	10%	15%	20%	25%
71-73, 117	Timers, Electrical Accessories	5%	7%	10%	20%
110-115	Clocks, Watches, Treasure Finders	5%	7%	10%	20%
99	Tools and Hardware	10%	15%	25%	33%
126-127	Valves — may be assorted	5%	10%	12%	20%
	Electronic Games	5%	10%	12%	20%

## 3 GREAT BUSINESS OPPORTUNITIES

### 1. TANDY CAREERS IN RETAIL MANAGEMENT

Become a part of the fastest growing operation in Australia

If you have the ability, desire and are willing to work at achieving maximum sales and profitability, managing a Tandy Electronics store may be just the opportunity you've been looking for. Due to our continuing growth, new Manager Trainees are needed right now. There are vacancies in a number of excellent market areas. If you consider yourself to possess the necessary requirements, there's a real and exciting opportunity for advancement with Tandy!

### 2. JOINT VENTURE PROGRAMME

Run a Store And Share the Profits  
It's Different — Not a Franchise

If you have the ability, desire and are willing to work at achieving maximum sales and profitability, managing a Tandy Store under this partnership programme may be for you! Both new and existing locations are available in a number of lucrative market areas. A Security Deposit of approximately \$20,000 is required. Be part of an aggressive motivated and experienced company with a famous and exclusive product line, professional national and local advertising. A successful firm devoted to quality, service and Customer Satisfaction.

### 3. A.S.C. (DEALER) PROGRAMME

Now you can add extra Profit, Traffic, Volume to your established retail store and get the best of both worlds!

Our Authorised Sales Centre programme is a proven way to increase retail sales and profits. Choose the famous Tandy products you want to add to your line — and keep your own identity! If you have a successful store (hardware, furniture, appliance, jewellery, photo, chemist, etc) in a country town contact us NOW. A minimum investment covering inventory and start-up costs can begin a rewarding association with Tandy, a leader in home entertainment and electronics!

... So Let's Talk It Over! Call or Write to the Tandy Office Nearest You!

#### Head Office:

280-316 Victoria Rd., Rydalmere, 2116, NSW. Tel. 638-6633

#### New South Wales

111 Marrickville Road, Marrickville, 2204, NSW. Tel. 569-8048

Suit 1, 12/14 Falcon St., Crows Nest, 2065, NSW. Tel. 43-0205

#### Victoria

96A Koornang Rd., Carnegie, Vic. 3163. Tel. 568-3477

#### Queensland

131 Abbottsford Road, Mayne, 4006, Qld. Tel. 52-1551

#### South Australia

156 Grand Junction Road, Rosewater, 5013, S.A. Tel. 47-6180

#### Western Australia

208 Beaufort Street, Perth, 6000. Tel. 328-6503

### MAIL ORDERS

We will ship anywhere in Australia for the above expenses! This chart is only a guide to estimate the Postage for most orders. We do not make money on postage and every cent not used is returned with your order. On some heavy items extra postage may be needed, for which we will bill you and not hold up your order.

MAIL ORDERS TO: Any Store, Dealer of P.O. Box 229, Rydalmere, N.S.W. 2116

MINIMUM ORDER ACCEPTED 2.50 — ADD shipping & packing EXPENSES 2.50 to 4.99 send 80c • 5.00 to 14.99 send 1.50 • 15.00 to 49.99 send 2.50 • 50.00 to 99.99 send 5.00 • 100.00 and over send 8.00



# This Archer® Antenna System Travels with You

## Complete VHF/FM Mobile Antenna Package

# 49<sup>95</sup>

- Fast and Easy Set-Up
- Folds Down Flat for Travel
- Nothing to Disconnect Or Reconnect

Great for boats, motorhomes, trailers. Brings in colour or black and white and FM reception that's as good as "at home". 102 cm antenna boom has 14 snap-lock elements made of rugged aluminium alloy — stay in place even in high wind. One lead-in for all channels is held securely with standoff insulators and wall-through insulator prevents water leaks. A complete package including all hardware and instructions, for quick, easy installation. 15-9544 ..... 49.95

No  
Extras  
To Buy!

7.6m lead-in, VHF-UHF signal splitter, wall-thru insulator, 127cm mast, wall mounting bracket included.

Receiving Position

Travelling Position

## Archer TV and FM Accessories Really Get the Picture!

<b>Co-axial Cable Extension</b>  <b>4<sup>95</sup></b> "F" connector to Belling-Lee plug. Use to connect 75 ohm wall plug to your TV set. Approx. 2 metres. 15-9541 ..... 4.95	<b>Balun Lead</b>  <b>7<sup>95</sup></b> Converts 75 ohm down lead into 300 ohms. Includes shielded cable approximately 2 metres. 15-9533 ..... 7.95	<b>75 Ohm Belling Lee Extension</b>  <b>5<sup>95</sup></b> 2 metre cable, Belling Lee Plug both ends. 15-9542 ..... 5.95	<b>75 Ohm Belling Lee Plug</b>  75 ohm Belling Lee Plug. Suitable for co-axial cable used in distribution systems. 15-9540 ..... 1.69 Solderless Type 15-9640 ..... 1.79
<b>Belling-Lee 75 Ohm Wall Socket</b>  <b>2<sup>99</sup></b> Plug your colour TV in any location in your home using 75-ohm co-axial cable. 15-9554 ..... 2.99	<b>Belling-Lee Wall Plate</b>  <b>3<sup>95</sup></b> Lets you plug your colour TV in any location in your home, using 75-ohm co-axial cable. 15-9553 ..... 3.95	<b>Matching Transformer</b>  <b>2<sup>39</sup></b> Converts 300-ohm to 75 ohm. 300 ohm to Belling Lee Plug. 15-9539 ..... 2.39	<b>75 Ohm Line joining Splicer</b>  <b>3<sup>99</sup></b> 75 ohm line joining splicer. Inline use to extend your present 75 ohm cable length. 15-9543 ..... 3.99
<b>A.</b>  <b>B.</b>  <b>C.</b> 			<b>TV Connectors</b> A. 2 Pin TV Socket. 15-9600 ..... 99c B. 2 Pin TV Plug. 15-9601 ..... 99c C. 75 ohm Coax outlet suits Belling Lee plug 15-9602 ..... 2.99
<b>Filters for Cutting TV Interference</b> <b>A.</b>  <b>B.</b>  <b>C.</b> 			<b>TV Feeder Cable</b>  <b>25<sup>c</sup></b> Per Metre Ideal for TV lead-in and hook-up. Black, 300 ohm. 15-9505 25c/metre
<b>A. Attenuates interference from CB, Ham transmitters. For use with 300 ohm TV/FM inputs. 15-581 ..... 8.95</b> <b>B. Reduces or eliminates electrical appliance or neon light static. Just attach to TV set antenna terminals. 15-582 ..... 1.99</b> <b>C. Helps prevent TV/FM receiver saturation by nearby CB or Ham transmitters. Attaches directly to antenna terminals. 15-1146 ..... 4.99</b>		<b>Wall Plate</b>  <b>1<sup>29</sup></b> To be used with 15-9600—9601/9602 15-9603 ..... 1.29	<b>Two-Pin TV Wallplate &amp; Socket</b>  15-9620 ..... 1.99
		<b>CB Interference Trap</b>  <b>14<sup>95</sup></b> Reduces TV and FM receiver interference from CB radios. A snap to install. 15-9002 ..... 14.95	<b>Two-Pin TV Plug</b>  Use with 15-9620 15-9621 ..... 69c

Over 200 Tandy Stores & Dealers Nationwide — There's One Near You



# Archer "Colour Supreme" Antennas

**ARCHER** <sup>(R)</sup>

**NEW  
FOR '81**

## 26<sup>95</sup>

Designed to operate on all channels in primary to secondary signal areas. A simple dual polarity 3 element array with 2 dipoles and directors veed for higher gain and to minimise reflected signals. 15-9547 ..... 26.95

### 6 Element Inner Metropolitan Antenna

## 29<sup>95</sup>

- Square Boom with Specially Designed No-Tilt Clamp
- Golden Alodized Finish to Fight Corrosion and Rust
- Pre-Assembled. Install it Yourself and Save

The ideal Archer aerial for most metropolitan areas. Features 76.2cm square boom for extra strength. Six elements for excellent capture and rustproof aluminium terminals for super efficient down lead connections. The self-locking snap-out elements add strength and rigidity and make it easier to install. Do it yourself and save. (Mast not included). 15-9548 ..... 29.95

### Factory Pre-Assembled 9 Element all round antenna

## 36<sup>95</sup>

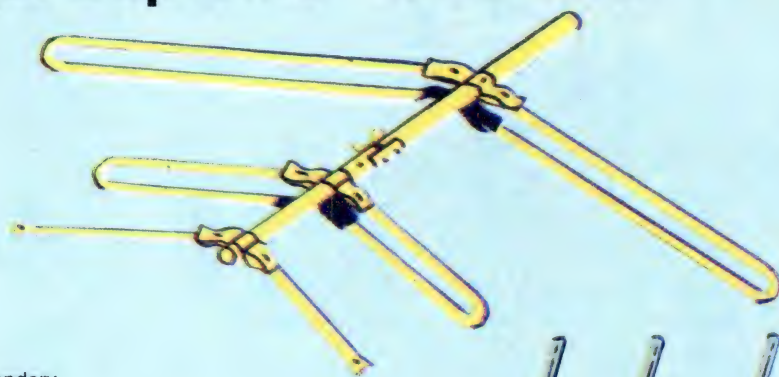
- Ideal for difficult metropolitan areas
- Air-insulated multiple drive system for flat frequency response
- Extra strong 1.5m square boom

Archer's answer to reception problems in difficult inner metropolitan areas. Specially designed to provide good all-round reception on most channels. The Golden Alodized finish fights rust and corrosion to prolong aerial life. The rust-proof aluminium terminal ensures top performance. Snap-out elements add strength and rigidity and its factory pre-assembled to make installation easy. 15-9549 ..... 36.95

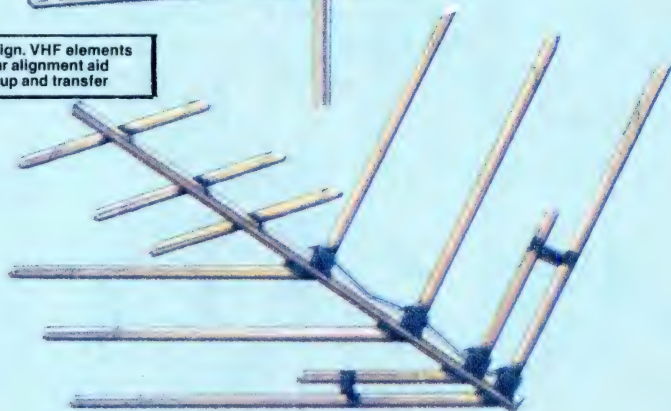
### 11 Element Super Colour TV Antenna

## 39<sup>95</sup>

Frustrated with poor reception from your expensive new colour TV set? It could be just a faulty antenna. So check out this super Archer 11 element colour TV antenna. The 11 element design provides flat frequency response across any given channel to reproduce that fine detail picture. No problems with installation either, snap-out brackets make it easy. Add a weather-resistant golden finish to the neat, compact design and you've got a sensational antenna offer that's hard to beat. 15-2002 ..... 39.95



60° swept design. VHF elements in triangular alignment aid signal pickup and transfer





# Archer Antennas For Visibly Better Pictures!

## 14 element all channel metropolitan antenna

**49<sup>95</sup>**

- Excellent, all channel metropolitan reception
- 14 elements
- Air insulated, multiple drive system

Your colour or black and white reception could be greatly improved by the addition of this 14 element aerial. Ideal for use in even fringe metropolitan locations. The 60° swept design gives excellent reception to all channels. 14 elements are mounted on a 2.0m, square section boom for extra strength and rigidity. (Mast not included). 15-9550 ..... 49.95

## 18 element "Super Fringe" antenna with 2.5m square boom

**59<sup>95</sup>**

- Extra strength 2.5m square boom
- Snap out brackets for easy installation
- Extra heavy high impact moulded insulation

Improve your colour or black and white reception, even in fringe or difficult metropolitan areas. Super signal capturing 18 element design to provide the best reception and greatly reduce ghosting. Aluminium terminal and Golden Alodized finish. Fights rust and corrosion to prolong aerial life. (Mast not included). 15-9551 ..... 59.95

## Improves Fringe Area Reception

**79<sup>95</sup>**

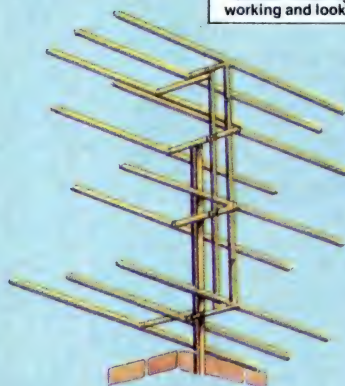
*Specially Designed to Capture Weak Signals*

Poor reception in your area? This aerial is specially designed to capture signals from stations in difficult reception areas. Provides good colour or black and white reception. Aluminium construction to resist corrosion. May be mounted either horizontally or vertically. Factory pre-assembled for easy installation. (Mast not included). 15-9538 ..... 79.95

Snap-out brackets for easy installation. With extra heavy high impact insulators



60° "Swept Design" VHF elements in triangular alignment aid signal pickup and transfer, and withstand strong winds. Golden finish fights corrosion and rust. Keeps antenna working and looking like new. Install it yourself and save!



## Archer FM Antennas for Better Hi-Fi

**A. "Stereo Supreme" Directional — Up to 281 Km.\*** Ten triple-drive elements for maximum multi-path rejection. 304 cm long, 2 cm square boom. Pre-assembled. 15-1638 ..... 59.95

**B. Triple-Driven 6-Element Directional — Up to 177 Km.\*** Full gain to bring in distant stations clearly. 15-1636 ..... 36.95

**C. Omnidirectional Outdoor — Up to 80 Km.\*** Circular 360° pickup pattern. Weather resistant, pre-assembled. 15-1639 ..... 29.95

**D. Omnidirectional Attic or Outdoor — Up to 56 Km.\*** "S" design brings in stations from any direction. Pre-assembled. 15-546 ..... 14.95

\* Estimated ranges, based on reception over flat, open terrain



# Tandy For All Your TV Archer Accessories

## Get the Best Picture with an Archer® Rotator



Fully Approved

**169<sup>95</sup>**

**Archer Servo-Rotor.** Aims your antenna with whisper quiet precision accuracy for best reception of every TV or FM station within range. Just turn the dial to direction you want and antenna rotates to that position and stops automatically within 2° accuracy. Indicator lights show antenna direction. Lifetime lubricated motor bearing, weather-resistant housing. Accepts 3.1 to 5.3cm overall diameter masts. AC operation. Requires 5-wire cable. 15-1220 ..... 169.95



Heavy Duty High Torque Motor Turns Antenna 360° in Less Than One Minute

### 20-Gauge Rotator Cable



Low As **6<sup>95</sup>**

Cat. No.	No. of Leads	Length in Mt.	Use with Rotator #	Per Roll
15-1151	4	15		6.95
15-1204	5	15	15-1220	8.95
15-1201	5	30	15-1220	14.95

### Colour Eagle

**36<sup>95</sup>**



**UHF/VHF with Tunable Phasing Switch.** Special balanced design sharpens colour and black and white reception. Four section VHF dipoles. Dual UHF loops turn without moving the whole antenna. Colour-coded leads. 15-1810 ..... 36.95

### VHF Back-of-Set Antenna



**9<sup>95</sup>**

Mounts out of sight on most sets. 76cm dipoles. With leads. 15-1804 ... 9.95

### VHF/FM "Rabbit Ears"



**9<sup>95</sup>**

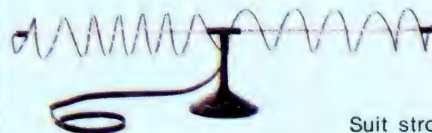
Modern look, telescoping 3-section dipoles, anti-tip base. With lead-in. 15-955 ..... 9.95

### UHF VHF/FM "Rabbit Ears"



**12<sup>95</sup>**

New styling and 6-way impedance matching. Telescoping dipoles. 15-956 ..... 12.95



**5<sup>99</sup>**

### Spiral Indoor TV Antenna

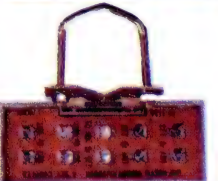
Suit strong signal areas best. For black/white or colour sets. 15-9001 ..... 5.99

## Add Sets, Combine Downloads with Splitters, Couplers



A

**A. Indoor Multi-Set Couplers.** Drive up to 4 TV/FM sets from one antenna in strong signal areas. 300-ohms. Instamount. 2-Set. 15-1501 ..... 2.29  
4-Set. 15-1502 ..... 2.59



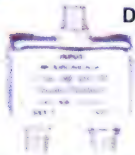
B

**B. Indoor/Outdoor Couplers.** Combines 2 antenna outputs for one 300-ohm download. Drives 2-4 sets from one 300-ohm download. Fits masts up to 3.8cm  
2-Set. 15-1135 ..... 3.95  
4-Set. 15-1136 ..... 4.95



C

**C. TV Game Adapter.** Allows you to connect aerial and TV-video game to your TV set. 15-9137 ..... 6.95



D

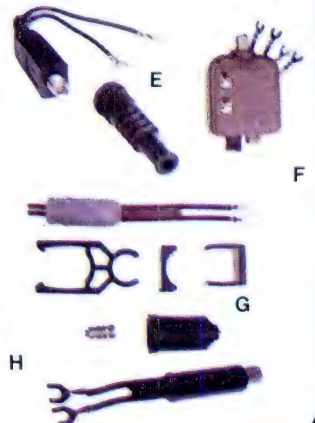
**D. 75-Ohm 2-Set Coupler/Combiner.** Low-loss transformer splits a single 75-ohm download to UHF/VHF outputs or reverse to combine outputs of a UHF and VHF antenna into one 75-ohm download. 15-1141 ..... 5.39  
75-Ohm 4-Set Coupler. 15-1142 ..... 7.95

**E. Indoor/Outdoor 300 or 75-Ohm Matching Transformer.** Matches 300-ohm antenna to 75-ohm shielded download at the antenna or reverses to transform 75-ohm download to 300-ohms at set. 15-1140 ..... 2.95

**F. Indoor Transformer/Splitter.** Separate 300-ohm UHF/VHF/FM outputs from single 75-ohm shielded download. Insta-mount. 15-1139 ..... 4.99

**G. Antenna Mounted Cable Conversion Kit.** 300-ohm to 75 ohm coax transformer mounts on antenna boom with special clip. Fits 2.0cm and 2.5cm square booms and 2.5 cm round boom. 15-9555 ..... 5.95

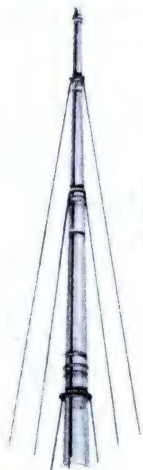
**H. Indoor Transformer.** 300 ohm twin lead to 75 ohm Belling Lee Plug. 15-9000 ..... 1.99





# Archer® Accessories Make Antenna Installation Easy

## Heavy-Duty Telescoping Antenna Masts



Low As

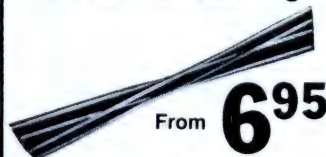
**59<sup>95</sup>**

- Interlocking Sections
- Clamp and Guy Ring Provide Firm Support

Raise your antenna higher to get stronger TV or FM reception. Sturdy sections interlock — won't pull out, slip, twist or shake. Heavy guy rings stop guy wire tearing. Fully assembled, install easily.

**6.0m Mast Unit**  
15-9510 ..... 59.95  
**9.1m Mast Unit**  
15-9511 ..... 79.95

## TV Aerial Masting



From

**6<sup>95</sup>**

**1.8m Galvanised Steel**  
15-9507 ..... 6.95  
**2.4m Galvanised Steel**  
15-9508 ..... 8.95

## 1.5m Aluminium Mast

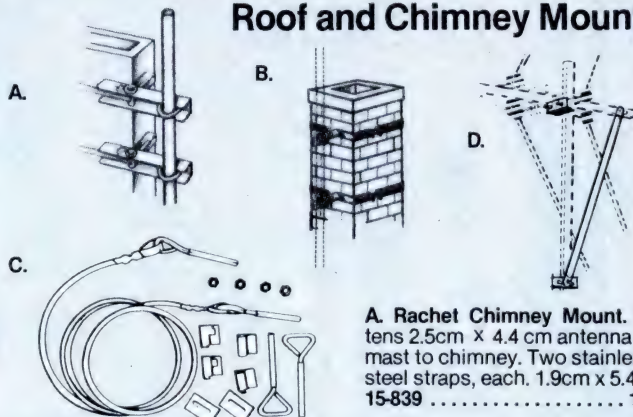


**6<sup>95</sup>**

- Masts are interlocking

Golden polyester finish fights rust and corrosion. Rugged 19-gauge aluminium. 15-841 ..... 6.95

## Roof and Chimney Mounts



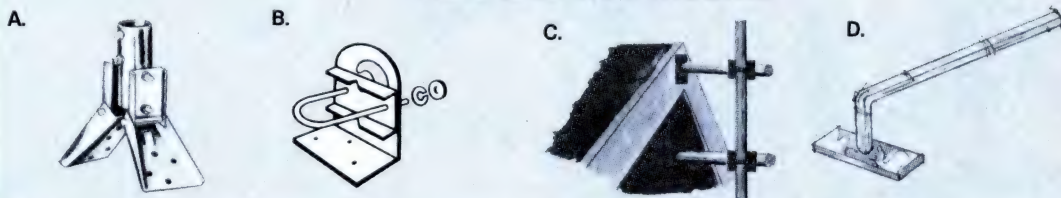
**A. Ratchet Chimney Mount.** Fastens 2.5cm x 4.4 cm antenna mast to chimney. Two stainless steel straps, each, 1.9cm x 5.4m  
15-839 ..... 17.95

**B. "Z" Chimney Mounts.** Set of two. Each mount has 1.5cm x 3.0m galvanized steel strap.  
15-476 ..... 6.95

**C. Strap Kit.** 7.6m stainless steel straps. Use as replacements or add-ons. 15-801 ..... 12.95

**D. Vertical Mounting Kit.** In some areas, TV signals are vertically polarized (e.g. Canberra). If your antenna is mounted in the normal fashion, the vertical pole on which the antenna is mounted will create a loss in gain and directivity. This vertical mounting kit removes or stands antenna from mast so these problems will not occur. 15-9552 ..... 9.95

## Roof and Wall Mounts



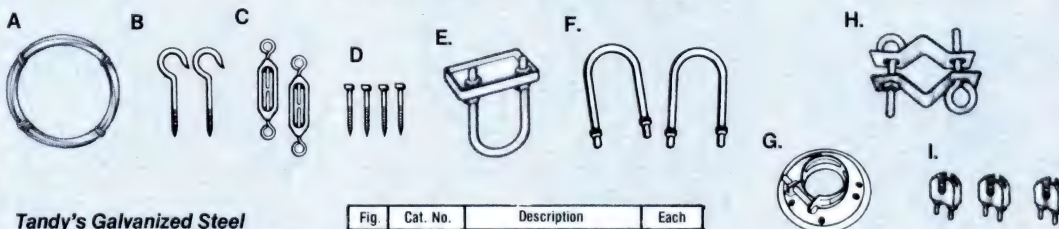
**A. Base and Roof Mount.** Mast locks into exclusive U-bolt. Swivel base fits slope of any roof. Heavy-gauge steel. 15-889 ..... 5.95

**B. Mast Anchor (Universal Mount).** For roof, attic or window mounting of up to 3.8cm diameter masts. Must be guyed for roof and window mounts.  
15-888 ..... 2.19

**C. Eave and Wall Mount Kit.** Securely mount antenna mast directly to side of house. Rust resistant finish (mast not included). 15-9525 ..... 14.95

**D. Facia Brackets.** Strong, rust-resistant, galvanised finish.  
15-9524. 1.2m ..... 7.95  
15-9535. 1.8m ..... 9.95

## Guy Wire and Hardware



**Tandy's Galvanized Steel Guy Wire Lets You "Tie Down" Safely and Securely**

Fig.	Cat. No.	Description	Each
A	15-030	15m Galvanised Steel Wire	1.79
A	15-031	30m Galvanised Steel Wire	2.79
A	15-037	12m Plastic-Coated Steel Guy Wire	2.99

Fig.	Cat. No.	Description	Each
B	15-825	2 Guy Wire Anchors	1.19
C	15-829	2 Guy Wire Turnbuckles	1.99
D	15-833	15cm open 10cm closed Set of 4 Hex Lag Bolts	0.99
E	15-826	63x3.8cm for heavy mtg. U-Bolt and Clamp	1.29
F	15-830	2 U-Bolts with Nuts	1.19

Fig.	Cat. No.	Description	Each
G	15-835	3.1cm Guy Ring & Collar	1.69
H	15-827	Guy Wire Mast Clamp with Bolts	1.49
I	15-850	3 Guy Wire Clamps	1.69

## Stand-Off Insulators



Keep your lead-in secure in wind, rain or snow — prevent lead-in movement which causes static and noise.

Fig.	Cat. No.	Description	Each
A	15-853	4—8.8cm Wood Screw	1.59
A	15-854	4—16cm Wood Screw	1.69
A	15-855	4—19cm Wood Screw	1.89
B	15-820	2 Masonary Type	1.59
C	15-821	2 Nail-In Type	1.49
D	15-822	2 Snap-Grip Type	1.49
E	15-823	2 Strap-On Type	1.59

**Tandy For All Your Antenna Accessories**



# Get the Picture with Archer® TV and FM Accessories



## Shielded UHF/VHF Foam Coax Cable Assemblies

Low  
As  
**12<sup>95</sup>**

Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-59 connectors.  
15m. 15-1526 ..... 12.95  
30m. 15-1527 ..... 19.95



## 2.4 and 4.8m Coax

**4<sup>95</sup>**

Use with Archer 75-ohm wall plates. Polyfoam.  
A.A. 2.4m. F-59 connectors.  
15-1530 ..... 4.95  
A.A. 4.8m. F-59 connectors.  
15-1531 ..... 6.95

**3<sup>95</sup>**

## 1.2m White Coax Cable

Designed for use in apartments and houses — from TV wall outlet or coupler to set. With push-on F-56 connectors.  
15-1529 ..... 3.95

## Polyfoam Coax RG-59/U



**69<sup>c</sup>**

More efficient than standard dielectric. 75 ohms. Minimum order, 10 m.  
Metre 278-1327 ..... Per Mtr 69c

## 75-Ohm TV/FM Coax Connectors



A. Type F-59 Connector. For RG-59U cable. 278-211 ..... 2/1.29



F-56 Connector. For RG-56 and RG-59 super coax cables. (Required when shortening 15-1526, 15-1527).  
278-214 ..... 2/1.29



B. F-61 Chassis Connectors. Mate with F-59 and F-56.  
278-212 ..... 2/1.29



C. F-81 Bushing. Couples two coax cables terminating in "F" connectors. 278-213 ..... 1.29

D. F-59 Push-On. Solderless, no tools required. Simply strip cable and screw on connector.  
278-215 ..... 1.29

## VHF/UHF 300-Ohm Shielded Cable

Low  
As  
**19<sup>95</sup>**

Eliminates most noise pickup on all TV channels and FM. Transformerless hookup.  
15m. 15-1177 ..... 19.95  
30m. 15-1176 ..... 29.95

## Our Finest VHF/UHF 300-Ohm Foam Cable

Low  
As  
**6<sup>95</sup>**

A "must" for colour. 20-gauge copper, white-foam space web, low loss, dense polyethylene jacket.  
15m. 15-1174 ..... 6.95  
30m. 15-1175 ..... 12.95

## Economy 300-Ohm Foam VHF/UHF Cable

Low  
As  
**5<sup>95</sup>**

For strong-signal urban areas. 22-gauge copper. Brown polyethylene jacket with blue polyfoam.  
15m. 15-1202 ..... 5.95  
30m. 15-1203 ..... 10.95

## Low-Cost Twin Lead for TV-FM

24-gauge. 4-mil cable for indoor/attic use.  
Standard Twin Lead. 12m. 15-004 ..... 2.59  
Clear Twin Lead. 12m. 15-1158 ..... 2.59

## Standard Twin Lead

22-gauge. 7-strand lead-in for indoor use.  
15m. 15-1153 ..... 4.95  
30m. 15-1154 ..... 6.95

## 2.4m Twin Lead Cable

**3<sup>19</sup>** Instant Hook-Up

Dual spade lugs attach easily from splitter to stereo or coupler to set. 300 ohms.  
15-1532 ..... 3.19

## Antenna Discharge Unit

**2<sup>29</sup>**

Easy to Install



Low-cost protection against static buildup for your TV-FM set. Easy solderless connection. Includes all necessary mounting hardware. 15-911 ..... 2.29

## Grounding Block

**2<sup>95</sup>**

Prevents static electricity buildup. For 75-ohm TV or FM antenna lead-ins. 15-909 ..... 2.95

## 1.2m Ground Rod

**5<sup>99</sup>**

Provides low-resistance path to ground for static electricity. Copper-plated, corrosion resistant, highly conductive.  
15-530 ..... 5.99

## Ground Wire

**2<sup>99</sup>**

12m of #8 aluminium wire.  
15-035 ..... 2.99

## Coax Nail Clips

**1<sup>59</sup>**



Insulated nails with clips — the easy way to keep coax in place.  
20-192. For RG58/U ..... Pkg. 10/1.59  
20-193. For RG8/U ..... Pkg. 6/1.59

## "Wall-Thru" Lead-In Tube

**3<sup>95</sup>**

Run lead-ins through walls up to 33 cm thick. Grommet seals out weather. 15-1200 ..... 3.95



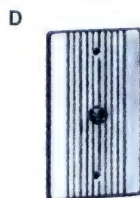
## Wall Plates for Professional TV and Rotor Wire Installations

### 300-Ohm Types

A. For a single TV or FM lead-in. With mounting bracket, plugs.  
Surface-Mount. 15-1189 ..... 1.79

B. Accepts two TV or FM lead-ins. Includes mounting bracket, two plugs.  
Flush Mount. 15-1187 ..... 2.99

C. Combination rotor and two TV lead-in flush-type sockets. Complete with bracket, one rotor, 2 wire plugs.  
15-1179 ..... 2.99



### 75-Ohm Coax Types

D. Flush-mount plate with standard F-59 coaxial TV or FM connector. Complete with all mounting hardware.  
15-1180 ..... 3.49

E. Flush-mount plate with standard F-59 coaxial connector. 5-wire rotator socket and plug. Install like a pro!  
15-1181 ..... 4.49

## Solderless TV Connectors

Easy-to-Install with Just a Screwdriver



A. Wall Receptacle Plugs. Mate with all surface or flush sockets.  
15-1178 ..... 2 for 99c



B. Surface Mount Universal Socket with Mating Plug.  
2.2x4.4x1.4cm. 15-1192 ..... 99c



C. Polarized Connectors. Prevent polarity reversal when splicing.  
15-1199 ..... 99c



D. Plug and Socket. For UHF and /HF. 15-1198 ..... 99c



# High-Power "Professional" CB Walkie-Talkies

18 Channels,  
LED Channel  
Display, 5 watts

**179<sup>95</sup>**  
Each



Carry  
Case  
Included  
**4<sup>95</sup>**  
Value

**A. Realistic TRC-209.** Features PLL synthesizer, LED readout, Hi-Lo power switch, automatic dim-out LED's for extended battery life. Battery/RF meter, squelch. Range-Boost antenna system extends signal reach on receive and transmit. Separate speaker and condenser mike. Jacks for external speaker, antenna, mike, DC power, charger, earphone. 27x8.8x6.3 cm. Requires 8 "AA" batteries or 10 rechargeable batteries.

21-9209 ..... 179.95

**B. Realistic TRC-208.** Automodulation and gain controls for top "talk power". Range-Boost antenna system, battery RF meter, separate speaker and condenser mike, centre-loaded antenna. Hi/Lo power saver switch, jacks for external antenna, speaker, mike, DC power, charger. 26x8.8x6.3 cm. With crystals for Channel-10 add optional-extra crystals for up to 5 more. Requires 8 "AA" batteries or 10 rechargeable batteries.

21-9208 ..... 119.95

**C. Realistic TRC-207.** Automodulation and Range-Boost antenna system give you best talk and receive power, ANL, battery/RF meter, Hi-Lo power switch, separate speaker and electret condenser mike. Jacks for external antenna, speaker and mike, DC power, charger. 26x8.8x6.3cm. With transmit/receive crystals for Channel 10 — add optional extra crystals for up to 3 more. Requires 8 "AA" batteries or 10 rechargeable batteries.

21-9207 ..... 99.95

**D. Realistic TRC-201.** Auto-modulation for maximum talk power at all times. Range-Boost side-panels couple your body to the antenna system for extended range. Squelch, separate speaker and electret condenser mike, charger jack, battery test button with LED indicator. With Channel-10 crystals — add up to 2 optional crystals. Requires 8 "AA" batteries or 10 rechargeable batteries. Wrist strap. 26x7.9x6.3cm. 21-9201 ..... 59.95



4 Channels  
3 Watts

**99<sup>95</sup>**  
Each

Fishing Frequency  
Approved  
Ref. #52/213



A.

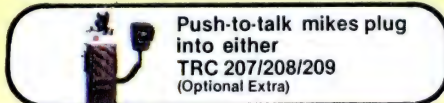


B.

6 Channels  
5 Watts

**119<sup>95</sup>**  
Each

Fishing Frequency  
Approved  
Ref. #52/213



Push-to-talk mikes plug  
into either  
TRC 207/208/209  
(Optional Extra)



C.



D.

3 Channels  
2 Watts

**59<sup>95</sup>**  
Each

Fishing Frequency  
Approved  
Ref. #52/2148

## Accessories for An Even More Versatile Walkie-Talkie



**A. Flexible Rubber Antenna.** Fits on most portable CB's and walkie-talkies. For loaded and standard antennas. Clamps with one screw. 21-980 ..... 7.95

**B. 12VDC Car Power Cord.** Power your walkie-talkie from your lighter socket. Neg. gnd. only. 2.4m fused cord. 270-1533 ..... 4.95

**C. Battery Charger.** Charges 12-15V nickel cadmium battery pack at a rate of 40 milliamps per hour. For use with 21-9209, 21-9208, 21-9207, 21-9201. 21-516 ..... 7.95

## CB & Marine Crystals

**3<sup>95</sup>**

Package of 2 Includes  
1 Receive, 1 Transmit

Cat. No.	Australian Channel	Transmit Frequency	USA Channel	Pair
21-9512	1	27.015MHz	5	3.95
21-9530	2	27.025MHz	6	3.95
21-9531	3	27.035MHz	7	3.95
21-9532	4	27.055MHz	8	3.95
21-9513	5	27.065MHz	9	3.95
21-9514	6	27.085MHz	11	3.95
21-9533	7	27.095MHz	Not Allocated	3.95
21-9534	8	27.105MHz	12	3.95
21-9515	9	27.115MHz	13	3.95
21-9516	10	27.125MHz	14	3.95
21-9517	11	27.135MHz	15	3.95
21-9536	12	27.155MHz	16	3.95
21-9537	13	27.165MHz	17	3.95
21-9538	14	27.175MHz	18	3.95
21-9540	15	27.185MHz	19	3.95
21-9541	16	27.195MHz	Not Allocated	3.95
21-9518	17	27.205MHz	20	3.95
21-9542	18	27.225MHz	22	3.95
21-9519	Marine	27.880MHz	—	3.95
21-9520	Marine	27.240MHz	—	3.95
21-9521	Marine	27.910MHz	—	3.95
21-9423	Marine	27.900MHz	—	3.95
21-9524	Marine	27.860MHz	—	3.95
21-9525	Marine	27.940MHz	—	3.95
21-9426	Marine	27.960MHz	—	3.95



# Trust Realistic CB at Home or on the Road



**Realistic TRC-490.** Join the big swing to "sideband" with one of the best base/mobile rigs on the market! Puts your signal across with far more power than the best AM CB sets. PLL circuitry for rock-stable performance on all 18 AM and 36 upper/lower sideband channels. Crystal lattice filter cuts adjacent channel interference and automatic modulation control gives you full-time "talk" power . . . no power mike needed! This CB also doubles as a mobile public address system — just add a PA speaker. Jacks for remote CB speaker and a headset. RF gain control, lighted S/R/F meter. With mike, mobile mounting bracket, — all you need for the exciting world of SSB. **21-9490 . . . . . 399.95**

## REALISTIC AM/SSB CB Base Station That Go Mobile, Too

### 399<sup>95</sup>

- PA with CB Monitoring
- ANL Plus Noise Blanker

#### Specifications

**Sensitivity:** (for 10 dB S + N/N) SSB, 0.25 microvolt; AM, 0.5 microvolt. **Adjacent Channel Selectivity at 10 kHz:** -70 dB. **Image Rejection:** 80 dB. **RF Output:** 12W P.E.P. SSB max. 4W AM max. **Power requirement:** AC operation or 12VDC pos. or neg. gnd. **Size:** 10x29x34 cm.



**Realistic TRC-450.** In town or on the road, you'll find SSB's greater range and cleaner signals really make a difference! Dual IF stages and crystal/ceramic filters provide superb freedom from adjacent channel interference. Switchable blanker and ANL cut impulse noise. RF gain control for best reception from all signals. Quartz PLL circuitry gives you stability, locks onto signals and holds them. And a special PA switch lets you use

## REALISTIC Deluxe AM/SSB Mobile CB 18 AM and 36 SSB Channels

### 269<sup>95</sup>

- Noise Blanker
- LED Dimmer Control
- R.F. Gain Control
- P.A. With CB Monitor

#### Specifications

**Sensitivity:** (for 10 dB S + N/N) AM, 0.5 microvolt; SSB, 0.25 microvolt. **Adjacent Channel Selectivity at 10 kHz:** -65 dB. **Image Rejection:** 80 dB. **RF Output:** 12W P.E.P. SSB max. 4W AM max. **Power Requirement:** 12VDC pos. or neg. gnd. **Size:** 6.3x18x23 cm.

this rig as a 5-watt public address amplifier and receive CB calls at the same time. Big LED numeric channel readout with adjustable brightness. LED AM/USB/LSB mode indicators. Illuminated S/R/F meter. With adjustable mobile mounting bracket, dynamic mike and power cord. **21-9450 . . . . . 269.95**



## REALISTIC Budget Base Station with Built-In Noise Limiter

### 169<sup>95</sup>

- LED Channel Display
- Built-In Noise Limiter
- Headphone Jack

#### Specifications

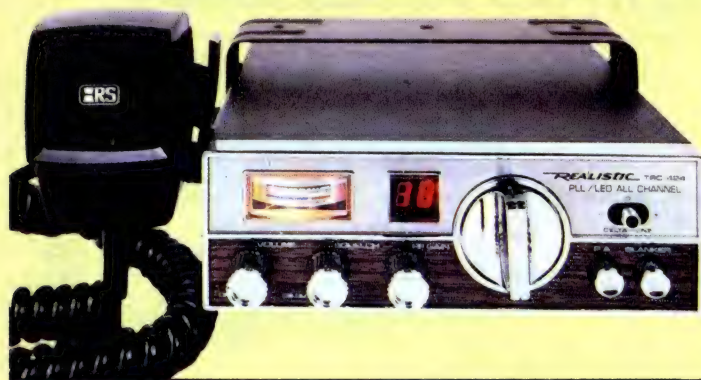
**Sensitivity for 10 dB S + N/N:** 0.5 microvolt. **Selectivity at -6 dB:**  $\pm 3$  kHz. **Adjacent Channel Rejection:** 60 dB. **Audio Distortion at 1000 Hz:** Less than 10% at 3.5 watts output. **RF Output:** 4 watts max. **Spurious Radiation:** -65dB. **Power Requirement:** AC operation or 12VDC pos. or neg. ground. **Size:** 9.0x29x24 cm.

**Realistic Navaho® TRC-441.** Loaded with features at minimum price! Dual ceramic IF filters give you superior selectivity and adjacent channel rejection. Hysteresis-type adjustable squelch compensates for fading to reduce signal "chopping". LED modulation indicator and digital channel readout, S/R/F meter. Up-front speaker, jacks for external speaker and headphone. With plug-in mike, AC power cord. **21-9441 . . . . . 169.95**



# Realistic 2-Way Radio You Can Count On

## Our Best AM Mobile 2-Way Radio



**149<sup>95</sup>**

**SPECIFICATIONS**  
Sensitivity for 10 dB S + N/N: 0.5  $\mu$ V. Selectivity at -6 dB:  $\pm$  3 kHz. Adjacent Channel Rejection: 60 dB. RF Power Output: 4 watts. Audio Output: 3.5 watts. Spurious Response: -65 dB. Spurious Radiation: -60 dB. Frequency Tolerance: 0.002%. Power Requirement: 12VDC positive/negative ground. Size: 5.5x17x21 cm.

**Realistic TRC-424.** Phase-locked loop synthesizer assures ultra-precise frequency control — no crystals to buy! Dual conversion receiver with ceramic filters. Delta-tune switch brings in even off-frequency stations. A noise blanker plus ANL keeps impulse-type noise to an absolute minimum. And adjustable squelch control eliminates background noise between calls. 7-segment LED channel display. The S/Rf meter has a modulation indicator lamp. Add an external speaker and use your set as a 4-watt mobile PA system — with simultaneous CB monitoring! 12VDC pos. or neg. gnd. 21-9424 ..... **149.95**



## Deluxe Mobile AM with LED Channel Readout

**129<sup>95</sup>**

**SPECIFICATIONS**  
Sensitivity for 10 dB S + N/N: 0.5  $\mu$ V. Adjacent Channel Rejection: 70 dB. Audio Power Output: 4 watts maximum (10% THD). RF Power Output: 4 watts maximum. Power Requirements: 12VDC positive or negative ground. Size: 5.5x16x23 cm.

**Realistic TRC-469.** The dual conversion receiver really brings in the stations. Switchable ANL eliminates or reduces interference from faulty ignition systems. Large illuminated S/Rf meter and LED channel selector. LED modulation indicator. External speaker jacks let you use it as a public address system, too. Or flip the 3-way PA/monitor/CB switch to "monitor" and it functions as a PA system while continuing to receive CB calls! 21-9469 ..... **129.95**



## Low-Cost AM CB with Advanced Features

**99<sup>95</sup>**

**SPECIFICATIONS**  
Sensitivity for 10 dB S + N/N: 0.5 microvolts. Adjacent Channel Rejection: 60 dB at 10 kHz. Audio Power Output: 5 watts maximum. RF Power Output: 4 watts maximum. Power Requirement: 12VDC positive or negative ground. Size: 4.1x13x20 cm.

**Realistic TRC-420.** Compact, yet loaded with features for "big radio" performance. Auto-modulation to maximise your talk-power. Two ceramic filters for superior selectivity and freedom from adjacent channel interference. Features lighted S/Rf meter, full-time ANL, external speaker jack. 21-9420 ..... **99.95**

## Realistic TRC-II Marine 2-Way Radio Complete with New Frequency Crystals



**129<sup>95</sup>**

**•6 Channels**

**SPECIFICATIONS**  
**TRANSMITTER:** Power Output 4 watts. **RECEIVER:** Sensitivity 0.7  $\mu$ V for 10 dB (S + N)/N; Selectivity 6 kHz @ -6 dB; Adjacent Channel Rejection 36 dB; **GENERAL:** Channels: Supplied with A: 27.860 MHz B: 27.880 MHz C: 27.900 MHz D: 27.910 MHz E: 27.940 MHz F: 27.960 MHz; Power Requirements: 12.5 — 15VDC, negative ground only.

The TRC-II is ideal for fishing/trawling vessels, motor cruisers, speedboats and houseboats. Mounting bracket can be secured to a horizontal shelf, the overhead or to a bulkhead. Features variable SQUELCH control to eliminate background noise, Automatic Noise Limiting Circuit (switchable), to reduce or eliminate impulse or static noise. Automatic gain control, to provide constant sound level. Push-pull Audio Amplifier to provide the highest quality sound reproduction. Modulation Indicator. External SPK jack allows you to use an external speaker (8 ohms). 21-9141 ..... **129.95**

Over 200 Tandy Electronics Stores and Dealers Nationwide



# Shop Tandy for Everything in CB Accessories



**A. Mike Clip.** Screw-on or use instamount adhesive for secure, permanent installation on steel or padded dash. 21-923 ..... 1.99

**B. Magnetic Mike Holder.** Keeps your mike in place no matter what the terrain. Magnetic — easily attaches to car, boat, truck — no holes to drill or hardware needed. 21-1130 ..... 1.59

**C. Mobile Preamp Mike.** Helps maintain full modulation and power. Two transistors, adjustable output level. 400-5000 Hz response. Requires 7V battery below. 21-1171 ..... 21.95

**D. Dynamic Mike.** Shielded coiled cord with DIN-type plug. Replacement for Realistic CB sets requiring a dynamic mike, and many other brands. 21-1172 ..... 14.95

**E. Preamp Noise Cancelling Mike.** Cuts road, engine, background noise. Built-in preamp for 100% modulation. Push-to-test battery button with LED indicator. Works as regular dynamic mike without battery. For Realistic, many others. DIN plug. Requires battery below. 21-1175 ..... 24.95

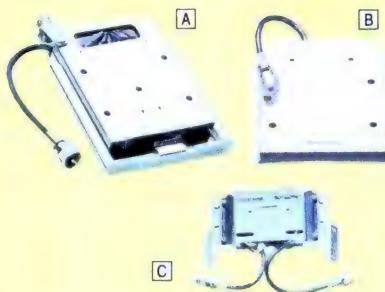
**F. 12V Replacement Power Cord.** 3-pin polarized power supply assembly. 122 cm of 20-ga. black and red wire with inline fuse holder and fuse tab on positive lead for easy installation. Fits Realistic, many others. Requires 2-amp fuse. 21-550 ..... 3.99  
7V Battery. For 21-1171, 21-1175. 23-601 ..... 3.99

## CB Mounts for Theft Protection

**A. B. Underdash Mount.** Female half attaches to transceiver and slides on or off nylon guides of male bracket, mounted under dash of vehicle. 21-566 ..... 16.95

**B. Extra Mount for above.** Use the same CB in 2 vehicles. 21-567 ..... 7.95

**C. Floor Mount.** All the removal-insertion features of underdash mount above. Easy to install above transmission hump. 21-568 ..... 16.95



## Micronta® CB Test Meters

**39<sup>95</sup>**

• Covers 3-30 MHz

• With Remote Control Coupling Unit



**Power/Modulation/SWR Meter.** Measures power output in 3 ranges: 0-5 watts for CB and 0-50 and 0-500 for amateur band equipment. Measures percent of modulation from 1 to 120%. SWR meter checks antenna system. Monitor jack lets you listen to your signal with an earphone. 52 ohms. 8x21x11 cm. 21-522 ..... 39.95



**A. Field Strength/SWR Meter.** Helps you operate your CB with maximum efficiency. Measures SWR forward and reflected power to 1 kW. Covers 2-30 MHz. 52 ohms. 5x16x6 cm. 21-525 ..... 19.95

**B. 3-Way CB Station Tester.** Features jack for antenna or dummy load, transceiver output jack. Meter reads output power from 0-10 watts. 5x18x6 cm. 21-526 ..... 29.95



**"Disappearing" Trunk Mount**

**9<sup>95</sup>**

Hide It in Trunk When Not in Use

Use with trunk or roof mount-antenna slides off bracket in seconds. Complete with all hardware. 21-530 ..... 9.95

**CB Scanner/Extension Speaker**

**14<sup>95</sup>**

Installs easily on dash, cab roof, wall, ceiling. 360° swivel base, 10 cm speaker. Handles 5 watts. 8 ohms. 3 meter cable, miniplug. 21-549 ..... 14.95



**Noise Eliminator Kits**

**Heavy-Duty Kit.** Effective against ignition and alternator noise. Easy installation. 270-050 ..... 14.95

**Radio Noise Filter.** Cuts alternator or generator "whine", gas or diesel. 21-509 ..... 8.95





# Reach Out with a CROSSBOW® Base Station CB Antenna

## .64-Wave Antenna 74<sup>95</sup>

### Our Finest Omnidirectional

For maximum-range all-directional transmission and virtually static-free reception. Five-section vertical radiator is over 6.7 meters long, and four 2.7 meter radials provide maximum electrical performance. Vertically polarized for maximum noise reduction. Delivers the strongest signal and the lowest radiation of any comparable antenna we know of. Fully moisture protected loading coils for years of trouble-free service. Triple "U" clamp bracket fits masts up to 4.1 cm diameter. Accepts PL-259 plug.  
21-964 ..... 74.95

*Delivers 4½ dB Gain in All Directions*

## 5/8-Wave Antenna

### 59<sup>95</sup>

- Low Radiation Angle for Greater Signal Capture
- Omnidirectional 4 dB Gain

Increases effective radiated power for excellent range and performance. 6 meters vertical radiator. Fits up to 4.1cm dia. masts. Accepts PL-259 connector. 21-1133 ..... 59.95

## 1/2-Wave Antenna

### 49<sup>95</sup>

- 3.75 dB Signal Gain
- Omnidirectional Pattern

Multiplies effective radiated power for greater transmit range, cleaner reception. Five-section aluminium radiators, three 132 cm radials. Fits up to 4.1cm dia. masts. Accepts PL-259 connector.  
21-902 ..... 49.95

## 1/2-Wave Coaxial Antenna—No Radials

### 89<sup>95</sup>

- 3.75 dB Gain
- Omnidirectional

Requires no ground planes, it's independent of mounting location and has a low radiation angle for maximum signal reach. Accepts PL-259 connector, 5.4 meters long. Fits 0.64 cm to 3.8 cm dia. masts.  
21-965 ..... 89.95

## 1/4-Wave Antenna

### 29<sup>95</sup>

- Omnidirectional
- Beta-Matched for Very Low SWR

High performance and efficiency! Three 274 cm quarter-wave radials, plus 274 cm quarter-wave radiator (vertical element). "U" clamp fits masts up to 2.5cm dia. Static discharge arrestor. Accepts PL-259 plug.  
21-901 ..... 29.95

## Coax Static Discharge Unit

Reduces static build-up. Uses PL-259 plug. SO-239 type connector.  
21-1049 ..... 3.95

## Dummy Load Antenna

Non-inductive 52-ohm load for testing up to 5 watts. PL-259 plug.  
21-628 ..... 2.59

## Antenna Tuner

### 14<sup>95</sup>



Matches CB sets to any 10-10,000 ohm antenna. 500-watt RF capacity.  
21-513 ..... 14.95

## TV Interference Filter

### 9<sup>95</sup>



Be a good neighbour! Attenuates 25 dB to reduce CB interference on TV and FM  
21-512 ..... 9.95

## 2-Position Coax Switch

### 9<sup>95</sup>



Change antennas without changing leads. 500 watts. 21-511 ..... 9.95

## Preamp Base CB Mike

### 39<sup>95</sup>



Touch-bar transmit/lock switch, gain control, DIN plug. Requires 2 "AA" batteries.  
21-1173 ..... 39.95

## Base Station Cable Assemblies

Meters	Type	Cat. No.	Each
0.61	RG58/U	278-968	5.99
1.5	RG8/U	278-969	6.99
15	RG8/U	278-970	32.95
15	RG58/U	278-971	19.95



Low As  
**5<sup>99</sup>**



## Regulated CB Power Supply

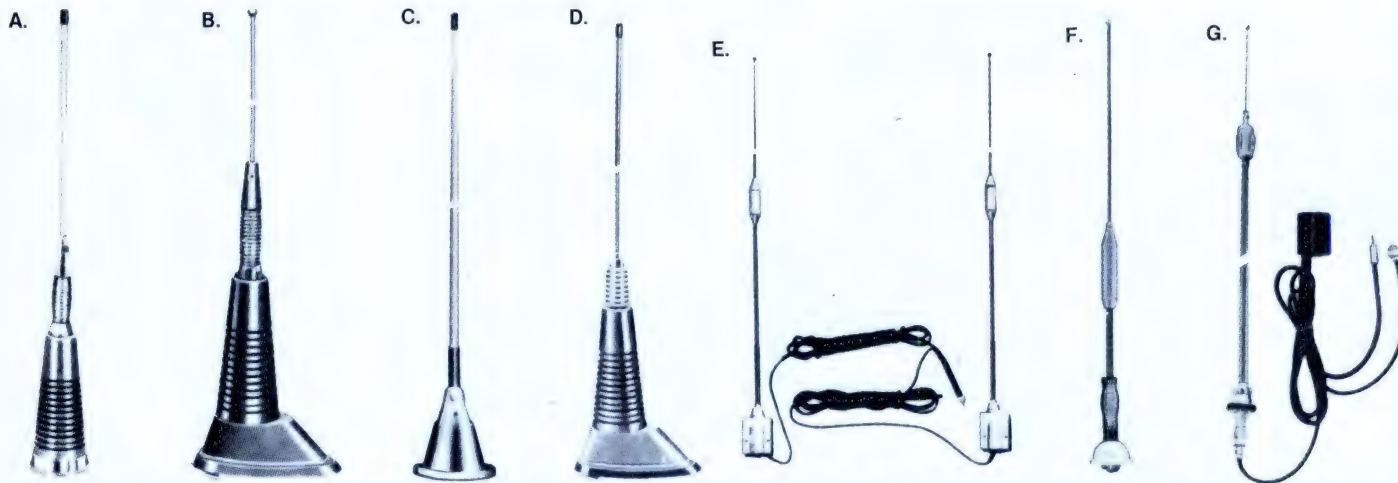
### 49<sup>95</sup>

13.8VDC regulated output at 2.5 amps continuous, 5 amps surge. 6x11x17cm.  
22-9124 ..... 49.95

Get it "on credit" at Tandy — Bankcard, AGC, AVCO available at all Tandy Stores and most Dealers



# Step Up to a Top-Quality Archer® Mobile CB Antenna



**A. Fibreglass Roof-Mount Antenna.** Mounts on fender or trunk deck, too. Weatherproof base-loaded coil for close impedance match and maximum radiation in all directions with minimum of height. With 4.8m coax cable, connector. 21-925 ..... 36.95

**B. No-Hole Trunk Mount Antenna.** Mount it on centre or either side of trunk lid and secure it with just two set screws. Easy cable entry. Has base-loading coil and stainless steel shock spring and whip. With 4.8m coax cable, connector. 21-908 ..... 36.95

**C. 259 cm Fibreglass-Whip Marine Antenna.** Quarterwave antenna for all surfaces, metallic or non-metallic. No ground plane needed. Mount provides "lay-down" feature from both horizontal and vertical mounting. Mounting hardware, 4.8m cable. 21-912 ..... 59.95

**D. Graphite Trunk-Grip Antenna.** Combines the best features of stainless steel and fibreglass. Remains more vertical at high speeds for a better signal pattern. Mount on centre or either side of trunk lid. With 4.8m cable, connector. 21-975 ..... 44.95

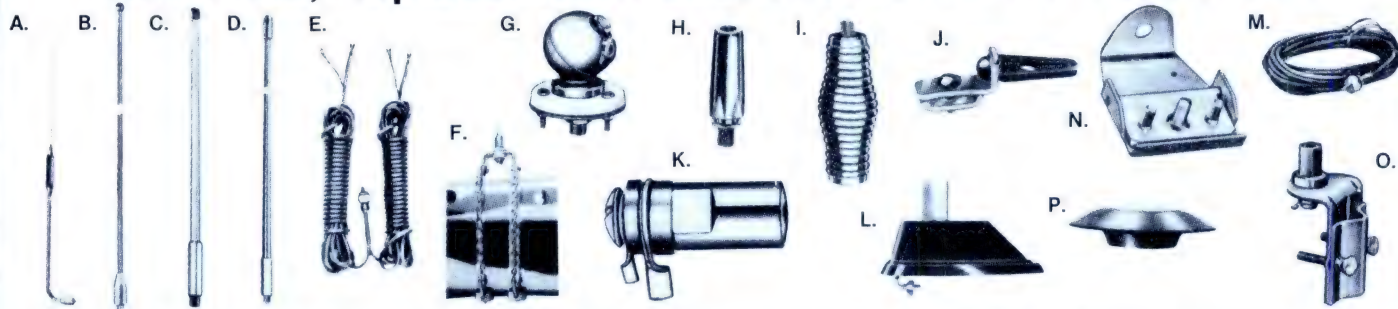
**E. Twin Truckers-II Dual Antenna.** Two matched antennas for a stronger signal pattern from ahead and behind. Stainless steel, adjustable tip rods. Oversize mounts for easy attachment. With 5.4m dual phasing coax harness, connector. 21-942 ..... 53.95

**F. "Shorty" Roof Mount Antenna.** Efficient with easy snap-in mounting. Centre-loaded coil, stainless steel whip and shock spring. chrome plated support tube. Top whip adjusts for precise antenna matching. With 4.8m coax cable, connector. 21-906 ..... 29.95

**G. Fender Mount CB/AM/FM Antenna.** A "disguised" CB antenna that's also a replacement auto radio antenna. Has telescoping 127cm whip and tunable loading coil plus matching network making a complete multiple antenna system. Corrosion-resistant stainless steel and chrome-plated sections. With all cables for front-fender installation and illustrated instructions. 173 cm cable has both Motorola-type auto radio and PL-259 connectors. 21-930 ..... 29.95

**Choose Archer Mobile CB Antennas For Quality You Can Hear!**

## Antennas, Replacement Parts, and Extras for Mobile CBs



**A. Back-of-Set Antenna.** Right-angle design connects into coax socket on your CB rig. Stainless steel upper. Centre-loaded. PL-259 connector. 21-921 ..... 9.95

**B. 259 cm Stainless Steel Whip.** Replacement antenna. Standard 3/8"-24 stud. 21-903 ..... 17.95

**C. 259cm Fibreglass Whip Antenna.** Similar to above. 21-905 ..... 19.95

**D. 1.2m Fibreglass Whip.** Top loaded to give better communications. 3/8"-24 thread. 21-934 ..... 17.95

**E. Co-Phase Harness.** Connect 2 antennas to 1 transmitter. For Archer and other base loaded or whip antennas. 21-935 ..... 12.95

**F. Dual-Chain Mount.** Fits most bumpers. Protective vinyl chain cover. 21-910 ..... 16.95

**G. Ball Mount.** For vertical or horizontal mounting mobile CB whip antennas. Chrome-plated ball lug terminals. 21-1115 ..... 9.95

**H. Quick-Disconnect.** Lets you remove antenna whip with a twist. 3/8"-24 stud. 21-958 ..... 8.95

**I. Steel Spring.** Chrome-plated antenna spring. Removable 3/8" threaded stud. 21-1118 ..... 12.95  
**Heavy-Duty Steel Spring.** 21-957 ..... 17.95

**J. Antenna Hold-Down Clip.** 21-917 ..... 2.95

**K. Mounting Hardware.** Standard 3/8"-24 female thread. Fits mounting plates up to 0.31 cm thick. Nickel-plated. 21-950 ..... 3.99

**L. No-Hole Trunk Mount.** With 3/8"-24 thread for whip mounting. 21-922 ..... 12.95

**M. Mobile Cable Assemblies.** 6.0m of RG58/U cable. PL-259 Plug to Lugs. 278-966 ..... 8.99  
PL-259 Plug to Both Ends. 278-967 ..... 8.99

**N. Gutter Clamp.** For most antennas requiring 0.95 cm diameter hole. 21-911 ..... 6.95

**O. Mirror/Luggage Rack Mounting Bracket.** Accepts 3/8"-24 threaded whip antennas. 21-937 ..... 9.95

**P. Hole Plugs.** Cover 0.95 cm antenna holes. May be inserted from outside car. 21-920 ..... Pkg. 2 for 69c



# Custom-Manufactured in Tandy's Own Factories



**A. 259 cm Bumper Mount Stainless Steel Whip Antenna.** Full-length for maximum range and efficiency. Adjustable dual chains and bracket make it mountable on many bumpers. Chrome-plated shock spring for whip protection. Includes all mounting hardware. Less cable and connector.

21-915 ..... 36.95

**B. Single Truckers-II Antenna.** For trucks with single West Coast style mirror. Heavy-duty mirror mount, oversize resonators, adjustable tip rod for precise antenna matching. With 3.0m coax cable and connector.

21-941 ..... 34.95

**C. Fibreglass-Whip No-Hole Trunk Grip Antenna.** Whip won't rust — ideal for coastal areas and other corrosive environments. For centre or either side of trunk lid. Stainless steel shock spring. Solid brass adapter allows one inch of whip adjustment. PVC coil housing has triple chrome-plated brass top, bottom fittings to prevent corrosion. With 4.8m coax cable, connectors.

21-926 ..... 38.95

## Archer — First Choice in CB Gives you Superb Performance

**D. Base-Loaded Magnetic Mount Antenna.** No holes to drill! Mounts on any flat magnetic surface. 17-7 type stainless steel whip is hardened to take punishment in stride. Heavy-duty stainless steel shock spring provides stability at highway speeds and the right amount of give under sharp stress. Coil is sealed for added protection. With 4.8m coax cable, connector. 21-940 ..... 36.95

**E. Stainless Steel Roof Mount Antenna.** Whip adjusts for lowest SWR and maximum RF output. 3/8" snap-in for easy installation, solderless connections. With 4.8m coax cable, connector. 21-904 ..... 34.95

**F. 259 cm Stainless Steel Whip Body Mount Antenna.** Mounts on any flat surface. Whip is precipitation hardened and offers long lasting efficiency and strength. Swivel ball mount, insulator and heavy back-up plate provide easy universal mounting. Shock spring is heavy-gauge steel and is triple chrome-plated for added protection. Overall length, 274 cm. Lug terminal connections. Less cable. 21-1094 ..... 36.95

**G. Gutter Clamp Antenna.** Great for temporary use — easy car-to-car transfer. The heavy-duty shock spring provides stability at highway speeds with just the right amount of give under sharp stress. Centre-loaded, stainless steel whip and spring, chrome-plated support tube. Adjustable top whip. With 3.0m coax cable and connector.

21-909 ..... 29.95

## CB Antenna Accessories and Replacement Parts



**A Stainless Steel Replacement Whip.** With adapter. For replacing damaged or lost whips for 21-904, 908 and 940 antennas. 21-952 ..... 8.95

**B Fibreglass Replacement Whip.** With adapter for replacing damaged or lost whips for 21-925 and 21-926 antennas. 21-953 ..... 10.95

**C No-Hole Trunk Mount.** Mounts on center or sides of trunk lid. Attaches with ease with 2 set-screws — no holes to drill. 21-913 ..... 12.95

**D Replacement Base-Loading Coil.** Ruggedly constructed. Replaces coils in Archer 21-904, 21-908, 21-925 and 21-926. 21-951 ..... 14.95



**E Plastic Dust Caps.** For base-loaded antenna mounts. Keeps out dirt and weather, helps prevent corrosion. 21-545 ..... Pkg. of 2 for 69c

**F Replacement Collet.** For Realistic 21-904 and 21-925 and others. 3/8" snap-in mounts. 21-918 ..... 1.99

**G Snap-in Roof Mount.** For replacing mounts on base-loaded antennas. Also mounts on cowl, fender or trunk deck. Requires 3/8" hole. 21-914 ..... 8.95

**H Replacement Small Spring.** Heavy-duty stainless steel spring provides whip protection to your antenna. 21-916 ..... 6.95

Shop at Tandy for all your CB Accessories



# Micronta® Multitesters: Quality, Accuracy, Value



## Deluxe Dual FET 26-Range Multitester

**49<sup>95</sup>**

- 10-Megohm Input
- Dual Linear Scales for Easy Reading
- Built-In Battery Test
- Overload-Protected Movement
- Single-Knob Range Switch
- Ohms Range-Doubler

Dual FET input for maximum accuracy and minimum circuit loading. 11cm meter is mirrored to prevent parallax errors. DC Volts: 0-1-3-10-30-100-300-1000. AC Volts: 0-10-30-100-300-1000. Current: 0-100  $\mu$ A, 0-3-30-300 mA, DC. Resistance: 0-30-300-3k-30k-1 megohm; 0-100-1k-10k-100k-3 megohms. Sensitivity: DC Volts, 10 megohms (33 megs for 1000V range); AC Volts, 10,000 ohms per volt; Current, 300 mV. Accuracy: AC Volts, 4%; all other ranges, 3%. 11x7.9x3.3cm. With leads. Requires 9V battery.

22-209 ..... 49.95

## 43-Range 50,000 Ohms Per Volt Multitester

**39<sup>95</sup>**

- Range Doubler Switch — Doubles Current and Voltage Ranges
- 11cm Mirrored Scale
- Single-Knob Function Switch
- Overload-Protected Meter Movement



DC Volts: 0-250 mV, 2.5-10-50-250-1000 at 50 k $\Omega$ /V; 0-125 mV, 1.25-5-25-125-500 at 25 k $\Omega$ /V. AC Volts: 0-10-50-250-1000 at 10 k $\Omega$ /V; 0-5-25-125-500 at 5 k $\Omega$ /V. DC Current: 0-50  $\mu$ A, 5-50-500 mA, 10A at 50 k $\Omega$ /V; 0-25  $\mu$ A, 2.5-25-250 mA, 5A at 25 k $\Omega$ /V. Resistance: Rx1, Rx10, Rx100, Rx1000, Rx10,000 (10 ohms, center scale). Decibels: -20 to +62 in 8 ranges. Accuracy:  $\pm$ 3% DC,  $\pm$ 4% AC. 17x12x5.0cm. With leads. Requires one "AA", one 9V battery. 22-204 ..... 39.95



**9<sup>95</sup>**

**19<sup>95</sup>**

**A. 8-Range, 1000 Ohms/Volt Pocket Tester.** Small size makes it perfect for shop, car and home! 5.0cm meter, mirrored scale to prevent parallax, pin jacks for all ranges. AC and DC Volts: 0-15-150-1000. Current: 0-150 mA, DC. Resistance: Rx1000 (100,000 ohms, full scale). 8.8x5.8x3.1 cm. With leads. Requires one "AA" battery. 22-027 ..... 9.95

**B. 18 Ranges — 20,000 Ohms Per Volt.** Range selector with "off" position, 7.6cm meter, mirrored and colour-coded scale, output jack. DC Volts: 0-5-25-125-500-1000 at 20,000 ohms/volt. AC Volts: 0-10-50-250-1000 at 10,000 ohms/volt, current: 0-50  $\mu$ A, 0-250mA, DC. Resistance: Rx1, Rx10, Rx1000 (24 ohms, centre scale). dB: -20 to +62 in 4 ranges. Accuracy:  $\pm$ 3% DC,  $\pm$ 4% AC. 13x8.8x3.6cm. With leads. Requires one "AA" battery. 22-201 ..... 19.95

**C. 25 Ranges, 20,000 Ohms Per Volt.** Single-knob range selector, 10 cm meter, mirrored scale, 6-pin jacks including output jack. DC Volts: 0-0.6-3-15-60-300-600-1200 at 20,000 ohms/volt. AC Volts: 0-15-60-150-600-1200 at 10,000 ohms/volt. Current: 0-60  $\mu$ A, 3-30-300 mA, DC. Resistance: Rx1, Rx10, Rx100, Rx1000 (24 ohms centre scale). dB: -20 to +63.5 ranges. Accuracy:  $\pm$ 3% DC,  $\pm$ 4% AC. 14x9.8x3.8cm. With leads. Requires one "AA" battery. 22-202 ..... 29.95

**D. 27 Ranges, 30,000 Ohms Per Volt.** Highly sensitive, 10cm meter mirrored scale, 4 banana jacks including output jack, polarity-reverse switch. DC Volts: 0-0.3-1-3-10-30-100-300-1000 at 30,000 ohms/volt. AC Volts: 0-10-30-100-300-1000 at 10,000 ohms/volt. Current: 0-100  $\mu$ A, 3-30-300 mA, 10 amps, DC. Resistance: Rx1, Rx10, Rx1000, Rx10,000 (10 ohms, centre scale). Decibels: -10 to +62 in 5 ranges. Accuracy:  $\pm$ 3% AC,  $\pm$ 4% DC. 16x11x4.4cm. With leads. Requires one "AA", one 9V battery. 22-203 ..... 34.95

**Complete  
Your  
Workbench  
at Low  
Tandy  
Prices!**



**29<sup>95</sup>**

**34<sup>95</sup>**

**Tester Carry Cases**

Meter not included

**Low As 5<sup>95</sup>**

Organizes and protects your test equipment. Carries tester, test leads, manuals and extra batteries. Stain-resistant vinyl.

**NEW FOR 81**

Use with Tester	Cat. No.	Each
#22-204/209/196/198/203	22-153	6.95
#22-201/202/197	22-154	5.95

## Hand-Held Digital Logic Probe

**29<sup>95</sup>**

### Multi-Logic Compatibility from 5-15VDC

Detects one-shot, low rep rate pulses scopes may miss (up to 1.5 MHz). Detects logic levels high, low or pulsed, with a minimum detectable pulse width of 300 nanoseconds. Over-voltage and reverse polarity protected. 16x1.9x3.0cm. 91cm leads obtain power from circuit under test.

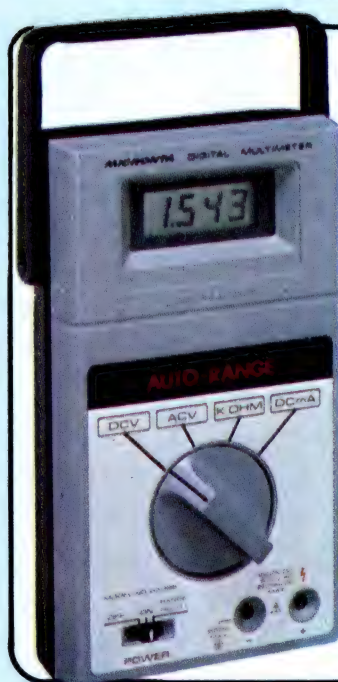
22-300 ..... 29.95



**We Service What We Sell**



# Liquid Crystal Digital Multitesters



## 3 1/2-Digit LCD Automatic Range Multimeter

**NEW FOR '81**

**99<sup>95</sup>**

- Overload Protected
- 10-Megohm Input

### The DVM That "Thinks"

YOU select the desired function — DC Volts, AC Volts, K-Ohms or DC milliamps — IT selects the correct range and polarity, automatically! Exclusive range-hold overrides auto-range when desired. Measures up to 1000 volts DC, 500 volts AC, 200 mA DC, 20 megs. resistance. Low-battery and over-range indicators. Size 17x9.8x4.1cm. With leads. Requires 9V battery or AC adapter.

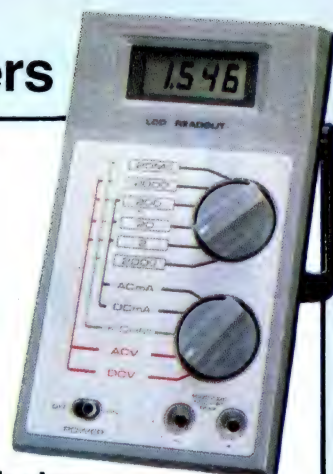
22-196 ..... 99.95  
AC Adapter 65-731 ..... 7.95

## 3 1/2-Digit LCD Multimeter

**79<sup>95</sup>**

- 20 Ranges
- 10-Megohm Input

Easy-to-read liquid crystal display with 1.0cm digits. Features automatic polarity, zero adjust, over-range and low-battery indicators. AC and DC volts: 2-20-200-2000 (500V max. on AC, 1000V max. on DC). AC and DC Current: 2-20-200 mA. Resistance: 200-20k-20k-20M-20M  $\Omega$ . Size 17x9.5x4.4cm. Leads and manual included. Requires 9V battery or AC adapter. 22-198 ..... 79.95  
AC Adapter. 65-731 ..... 7.95



## Low-Cost 3 1/2-Digit LCD Tester

**59<sup>95</sup>**

- 13 Ranges
- 10-Meg Input

Features easy-to-read 0.63cm display, automatic polarity, zero adjust and over-range indicator. AC Volts: 200-2000 (500V max.). DC Volts: 2-20-200-2000 (1000V max.). DC Current: 2-20-200 mA. Resistance: 2k-20k-200k-2M. Size: 8.4x5.3x2.3 cm. With leads, instructions, vinyl pouch. Requires 9V battery or AC adapter.

22-197 ..... 59.95  
AC Adapter. 65-731 ..... 7.95



## Dynamic Transistor Checker

Tests PNP and NPN Types, In Or Out of Circuit

**16<sup>95</sup>**

Indicates current gain, "opens" and "shorts"; makes Go/No-Go tests on small signal and power types and permits matching of similar transistors. Sockets plus clip leads for in-circuit tests. Output jacks for external meter or scope. 16x7.6x6.3cm. Complete instructions. Requires one "C" battery. 22-024 ..... 16.95

## Microwave Leakage Detector

**NEW FOR '81**



**14<sup>95</sup>**

Use to Regularly Check for Leakage from Any Microwave Oven

Microwave-frequency leakage from the door seals of faulty ovens can cause serious and even permanent health problems. Protect yourself and your family with this microwave monitor. Easy to use — move detector along seams and meter indicates the relative amount of any microwave energy. **Not a certification instrument.** Requires no AC power or batteries. 2.6x4.7x11 cm. 22-2001 ..... 14.95

## Pocket Size Signal Injector



**5<sup>49</sup>**

For RF, IF, AF Circuits, Tube Or Solid State

Quick and easy troubleshooting of each stage from antenna to speaker. Signal-on/battery condition indicator. With leads. Requires two "AA" batteries. 22-4033 ..... 5.49

## Test Lead Kits & Clips for Quick, Convenient Testing

**A. 1.5m "Flexi" Test Leads.** "Flexiprobes" with moulded strain relief eliminate wire breakage. Fit most testers. 278-740 ..... Pair/2.69

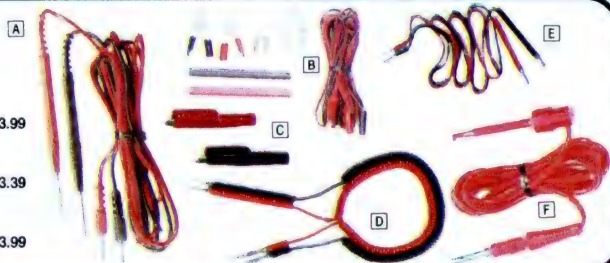
**B. 11-Pc. Test Lead Set.** Two 11 cm probes, 1.8m black and red test leads with banana plugs. 2 spade lugs, 2 phone tip plugs, 2 insulated clips, case. 270-332 ..... 6.95

**C. Insulated Alligator Clips.** Slip over std. probe tips for hands-free testing. One red, one black. 270-354 ..... Pair/1.99

**D. Coiled Cord Test Leads.** Colour-coded. Solderless 13 cm test probes at one end, banana plugs at other. Coiled cord extends to 1.8m. Fits any multi-tester. 278-750 ..... Pair/3.99

**E. 127cm Test Leads with Banana Plugs.** Nickel-plated solderless brass tips. Moulded handles. 278-746 ..... Pair/3.99

**F. Mini Clip Test Leads.** Miniature clip at one end banana plug at other. Gold-plated tip conductors. 5.7cm long. 278-1160 ..... Pair/3.99

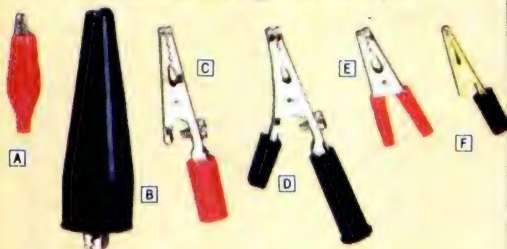


Bankcard Honoured at All Tandy Stores and Most Dealers



# Transformers, Knobs, Terminals, Clips — and More

## Insulated Alligator Clips



- A. "Mini" Clips.** 3 black, 3 red, 2 green, 2 yellow. Open to 0.4cm. 3.1 cm long. 270-378 ..... Pkg. of 10/1.69
- A. 3.4cm Mini Clips.** 6 black, 6 red plastic insulators. Jaw opens to 0.63 cm. Solder type. 270-1545 ..... Pkg. of 12/2.29
- B. Heavy-Duty Clips.** 6.6cm long. 2 black, 2 red rated at 10 amps. Screw terminals. 270-349 ..... Pkg. of 4/2.39
- C. 5.7cm Clips.** Open to 0.79 cm. 3 red, 3 black, 2 yellow, 2 green. Solderless type. 270-375 ..... Pkg. of 10/1.99
- C. 1-Amp Clips.** Insulated clips, 3 red, 3 black. Jaw opening, 0.92 cm. 4.2cm. Screw terminals. 270-371 ..... Pkg. of 6/2.29
- D. 6.3cm Clips.** 5 red and 5 black. Solder type. All steel jaws. 270-347 ..... Pkg. of 10/1.99
- E. "Mini" Alligator Clips.** 5 black and 5 red. Steel jaws. 3.4cm long. 270-374 ..... Pkg. of 10/1.59
- F. "Micro" Clips.** Brass-plated steel, phenolic insulation. 5 red, 5 black. 3.4cm long. 270-1540 ..... Pkg. of 10/2.39

## Non-Insulated Alligator Clips



**Low As**  
**1.29**  
**Pkg. of 10** *Solder and Solderless Types*

- A. 5.0cm Slim Clips.** All-steel construction. Solderless screw connections. 270-346 ..... Pkg. of 10/1.79
- B. "Mini" Alligator Clips.** 3.1cm long. Open to 0.47cm. Rated 1 amp. Solder type. 270-380 ..... Pkg. of 12/1.39
- C. Copper-Plated Micro Clips.** All-purpose. Open to 0.63cm. 2.8cm long. Solder type. 270-373 ..... Pkg. of 10/1.29

## Tie-Down Terminal Strips



**0.95 cm Centres**  
**Low As**  
**99¢**

Bakelite construction, low-leakage. Solder lug terminals.

No. of Lugs	Cat. No.	Pack of 4
5	274-688	0.99
8	274-692	1.29

## Screw Terminal Strips



**Low As**  
**1.19**

Bakelite strips. Top-quality cadmium-plated terminals. Ideal for speaker, antenna connections. 0.15x1.5cm. Solder lugs.

- 2-Terminal.** With centered phono jack. 6.0cm long. 274-620 ..... Pkg. of 2/1.49
- 2-Terminal.** Without phono jack. 4.2cm long. 274-663 ..... Pkg. of 2/1.39
- 4-Terminal.** Without phono jack. 6.5cm long. 274-665 ..... Pkg. of 2/1.39
- 4-Terminal.** With finger lugs. 6.5cm long. 274-666 ..... 1.19

## Low-Priced, Quality Power Transformers

Good selection of popular power transformers for electronic projects or replacement use. All have solder lug terminals for easy connections. Miniature types may be PC mounted. Standard and heavy-duty types have steel frames for chassis mounting. 18VCT transformers are ideal for regulated 5V power supplies using center tap or 12V regulated power supplies with bridge rectifier. All primaries designed for 240 VAC at 50 Hz.



## Audio Output Transformer



**1.69**

Miniature size. 1000-ohm centre tapped primary. 8-ohm secondary. 1.9x1.5x1.5 cm. 273-1380 ..... 1.69

Type	Volts	Current	Size in Cm	Cat. No.	Each
Miniature	6.3	300 mA	5.2x2.5x3.0	273-9006	6.99
Miniature	12	300mA	5.2x2.5x3.0	273-9007	5.99
Standard	6.3	1.2A	3.1x4.9x3.9	273-9003	6.99
Standard	12.6CT	1.2A	5.0x6.0x3.8	273-9004	7.99
Heavy-Duty	12.6CT	3A	6.9x5.7x5.0cm	273-9010	16.95
Heavy-Duty	25.2 CT	2A	6.9x5.7x5.0	273-9011	16.95
Heavy-Duty	18 CT	4A	10x5.0x6.3	273-9013	22.95
Clock Module	10/6/6	500 mA	5.2x2.8x3.4 cm	273-9530	9.95

## Assorted Ferrites

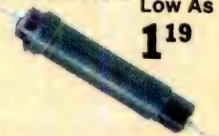


**2.99**  
**Pkg. of 25**

Includes torroids, ferrite beads, cores. Useful for chokes, RF coils, impedance matching transformers. 273-1571 ..... Pkg. of 25/2.99

NEW  
PCB 91

## Axial-Lead RF Chokes



**Low As**  
**1.19**

Low-loss coil forms. Useful for filtering, peaking circuits, RF bypass. 0.63x2.2cm 0.01 mH, 1.5 Amps. 273-101 ..... 1.19  
0.10 mH, 2.0 Amps 273-102 ..... 1.39

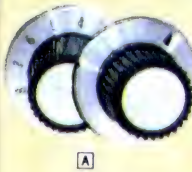
## Phone Tips, Plugs and Clips



- A. 13cm Solderless Test Prods.** Tip plug fits std. phone tip jacks. 1.2cm tip. 13 cm long. 274-720 ..... Pkg. of 2/1.79
- B. Solderless Banana Plugs.** Insulated, fit std. banana jacks. Knurled collar. 5.0cm long. 274-721 ..... Pkg. of 2/1.49
- C. Flexible Banana Plugs.** As above but flexible insulation and strain relief. solder. 274-730 ..... Pkg. of 2/1.49
- D. Solderless Phone Tips.** Fit std. tip jacks. Knurled collar. 5.3 cm long. 274-723 ..... Pkg. of 2/1.49

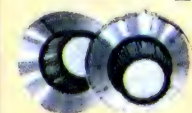
- E. Banana Jacks.** Insulated bakelite. Fiber washer, solder lug, hardware. 274-725 ..... Pkg. of 2/1.19
- F. 5-Way Binding Posts.** 2 black, 2 red. External connection. With solder insulators, lug terminals. 274-661 ..... Pkg. of 4/2.19
- G. Nylon binding Posts.** Insulated, 1 black, 1 red. Requires 0.79 cm mounting hole. Solder terminals. 274-662 ..... Pkg. of 2/1.79
- H. Mini Test clips.** Insulated, 1 black, 1 red. 5.3cm overall. 270-372 ..... Pkg. of 2/1.99
- I. Extra-length Test Clips.** For testing components on printed circuit boards or chassis. Includes 1 red, 1 black. 270-352 ..... Pkg. of 2/2.19

## Project and Replacement Knobs



**A**

**B**



**A**

- A. Communications Knobs.** Knurled grip, chrome plate, aluminium inlay. With set screw. 3.8cm dia x 2.2cm deep. For 1/4" shafts. 0-10 Calibrated. 274-392 ..... Pkg. of 3/2.29  
Single-Line. 274-391 ..... Pkg. of 3/2.29
- B. Communications Knobs.** Knurled grip. 2.8cm dia x 1.7 cm deep. Brass bushings for 1/4" shafts. Single-Line. 274-414 ..... Pkg. of 2/1.69  
0-10 Calibrated. 274-413 ..... Pkg. of 2/1.69
- C. Hexagon Instrumentation Knobs.** Rugged knobs fit 1/4" shafts. 3.4cm. Wx 1.5cm D. 274-407 ..... Pkg. of 2/1.59
- D. Moulded Instrumentation Knobs.** All fit 1/4" shafts. Brass-insets and set screws included. 1.9x1.1cm. 274-415 ..... Pkg. of 4/1.89  
2.5x1.4cm. 274-416 ..... Pkg. of 4/1.99
- E. 1.9cm Knurled Knobs.** For 1/4" shafts. 3.8cm deep. 274-380 ..... Pkg. of 6/2.19





# Connectors, Fuses and Parts for Your Hobby Needs



Low As **1.49**

## Multi-Conductor Connectors

Error-free indexed pins — plugs of one type will not fit sockets of another. Maximum rating: 500V, 7.5 amps, 1800 watts. Heavy duty, hundreds of electronic and electrical uses.

### Male Cord Connectors

No. of Pins	Cat. No.	Each
2	274-201	1.99
4	274-204	2.39
6	274-207	2.59

### Female Cord Connectors

2	274-202	2.39
4	274-205	2.49
6	274-208	2.69

### Chassis-Mount Connectors

2	274-203	1.49
4	274-206	1.59
6	274-209	1.79

## Multi-Conductor Quick-Disconnects

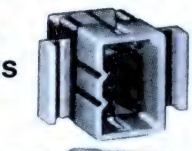
Low As **1.49**

Moulded nylon connectors designed to mate with Molex® connectors. Contact pins may be soldered or crimped to wire, then inserted into housing. Standard .093" pin diameter. Each circuit rated 8 amps at 250 volts.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.59
6	Male	274-226	1.79
9	Male	274-229	1.99
12	Male	274-232	2.19
4	Female	274-234	1.59
6	Female	274-236	1.79
9	Female	274-239	1.99
12	Female	274-242	2.19

2-Pin Male/Female Set.

274-222 ..... Pr1.49



Easy-to-Use Crimp-On Pins

## Feedthru Barrier Strips

Low As

**1.89**

NEW FOR '81



Made of durable thermoplastic, more rugged than phenolic. Perfect for audio or power hookups. 0.95 cm centres. Terminals extend 0.47 cm.

Terminals	Cat. No.	Price
4	274-651	1.89
6	274-652	2.19
8	274-653	2.69

## Barrier Terminal Strips

Low As **1.79**

• 2.2 cm Wide Base  
• 1.0 cm High



Terminals	Cat. No.	Pkgs. of
2	274-656	2/1.79
3	274-657	2/1.99
4	274-658	1.89 Ea
6	274-659	1.99 Ea
8	274-670	2.09 Ea

## Barrier Strips

Low As **1.99**

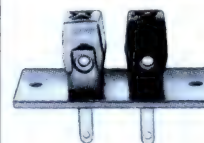


European-style 12.8 and 4-position moulded plastic barrier terminal blocks. Built-in setscrew secures wires for reliable connections. Recessed design prevents accidental contact with live terminals. All accept up to 16-gauge wire and are rated 10 amps at 600V max. per circuit.

A. 12-Position. 274-679 ..... 2.69  
B. 8-Position. 274-678 ..... 2.39  
4-Position (not shown) 274-674 ..... 1.99

## Pushbutton Terminals

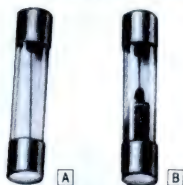
**1.39**



Quick, Safe Connections

Wire is held in place by spring-loaded contacts. A touch of the moulded button releases wire, or allows easy insertion. 2 terminals. 5.3x1.9 cm. 274-315 ..... 1.99

## Wide Selection of Fuses



NEW FOR '81

Low As **79c**

Protects Your Equipment

Fast-Acting Fuses "blow" quickly to protect radios, amplifiers, electronic equipment and circuits that normally do not draw heavy current surges. Slow-Blow Fuses provide protection for equipment that requires a high starting current: motors, solenoids, lamp circuits, etc.

### A. Fast-Acting

Amps	Cat. No.	Pkg. of	Price
1/4	270-1270	3	89c
1/2	270-1271	3	89c
3/4	270-1272	3	89c
1	270-1273	3	79c
1 1/2	270-1274	3	79c
2	270-1275	3	79c
2 1/2	270-1260	3	79c
3	270-1276	3	79c
4	270-1277	3	79c
5	270-1278	3	79c
10	270-1279	3	79c
15	270-1280	3	79c

### B. Slow-Blow

Amps	Cat. No.	Pkg. of	Price
1/2	270-1282	2	1.29
1	270-1283	2	1.29
1 1/2	270-1284	2	1.29
2	270-1285	2	1.29
3	270-1286	2	1.29
4	270-1289	2	1.29
5	270-1287	2	1.29

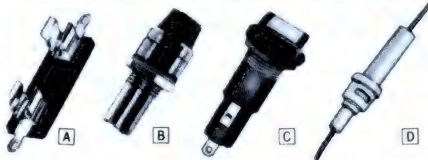
### C. Miniature Slow-Action

Amp	Cat. No.	Pkg.	Price
315mA	270-9200	2	1.29
630mA	270-9201	2	1.29
0.5A	270-9202	2	1.29
1.0A	270-9203	2	1.29
1.6A	270-9204	2	1.29
2.5A	270-9205	2	1.29

### A. SFE-Type Auto

Amps	Cat. No.	Pkg. of	Price
20	270-1268	3	79c

## Fuse Holders for All Uses



A. Clip-In Fuse Holder. For 1/4x1/4" fuses. Bakelite construction, solder lug terminals.

270-739 ..... Pkg. of 2/1.29

B. Panel-Mount Fuse Holder. For 1/4x1/4" fuses. 4.1 cm long, requires 1.2 cm mounting hole. Solder lug terminals.

270-364 ..... 1.39

C. Panel-Mount Fuse Holder. For 1/4x1/2" fuses. 4.1cm long, requires 1.2cm mounting hole. Square bezel for modern styling. 270-365 ..... 1.49

D. In-Line Fuse Holder. Accepts 1/4x1/4" fuses. Coil spring assures positive contact pressure. Tinned end leads.

270-1281 ..... 1.39

Quick Connect (Not Shown). Solderless. Requires 14 to 24 gauge wire. For 1/4x1/4" fuses.

270-366 ..... 1.49

## Safety Fuse-Puller

**1.99**



• Insulated  
• Easy-to-Use

Never struggle to remove fuses again! Do it quickly and safely with these moulded tongs. Fits miniature, automotive, industrial and screw-in types.

64-1832 ..... 1.99

## Auto Fuse Kit

**1.99** Keep One in Your Car



This handy 10-pack of most-used types is a "must" for car and truck owners. Includes two SFE-9, three 14, three 20, one AGC-3 and one AGC-10.

270-1262 ..... 1.99

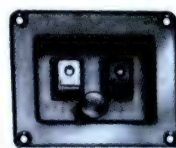
## Speaker Terminal Board

**2.29**

NEW FOR '81

Perfect for building speaker enclosures. Spring-loaded, push-to-connect terminals, plus 1/4" phone jack. Accepts up to 16-ga wire. Includes rubber sealing plug.

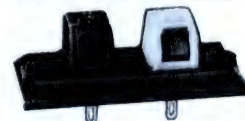
274-624 ..... 2.29



## Spring-Lever Terminals

**1.49**

Ideal for Speakers



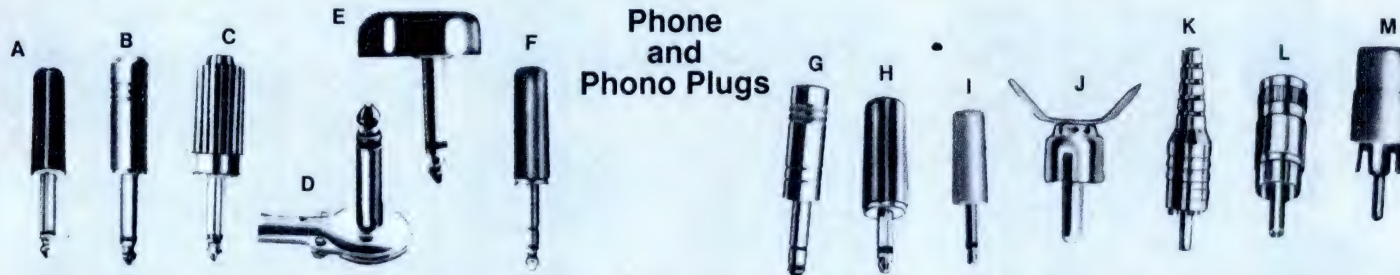
Deluxe front-loaded spring-tension terminals with lever release for quick and easy speaker connections. 2 terminals. 5.3x2.3 cm. 274-621 ..... 1.49

Over 200 Tandy Stores and Dealers Nationwide — We're Near You



# Quality Jacks and Plugs for All Your Audio Needs

## Phone and Phono Plugs



**A. 2-Conductor 1/4" Phone Plug.** Long slim type with 1.2 cm diameter black bakelite barrel. 7.3 cm long. 274-1536 ..... Pkg. of 2/1.89

**B. 2-Conductor 1/4" Phone Plugs.** Shielded. Long slim type with 1.2cm diameter metal barrel. 7.3cm long. 274-1544 ..... Pkg. of 2/2.69

**C. 2-Conductor 1/4" Phone Plugs.** Ribbed plastic 1.9cm dia. barrel takes cord or phone tips. 7.3 cm long. 274-1539 ..... Pkg. of 2/1.99

**D. 2-Conductor 1/4" Phone Plugs.** All metal shielded flat right-angle type. Ideal for space-saving applications. 7.3 cm long. 274-254 ..... Pkg. of 2/1.99

**E. Right-Angle 1/4" Plug.** 2-Conductor. Black shell. Screw type terminals. 274-256 ..... 1.29

**F. 3-Conductor 1/4" Phone Plugs.** Slim line. Black bakelite barrel. Use with push-to-talk mikes, stereo headphones. 7.3cm long. 274-139 ..... Pkg. of 2/1.99

**G. 3-Conductor Phone Plug.** Shielded all-metal type. 4.1 cm length barrel. Nickel plated. Solder lug terminals. 7.3cm long. 274-285 ..... 1.79

**H. 2-Conductor 1/8" Miniature Phone Plugs.** Solder lug terminals. 4.1cm long. Black. 274-286 ..... Pkg. of 2/1.39

Red. 274-287 ..... Pkg. of 2/1.39

Shielded. 274-288 ..... Pkg. of 2/1.49

**I. 2-Conductor 3/32" Subminiature Phone Plugs.** Solder lug terminals. 2.3cm long. Sets of 2. Black. 274-289. Red. 274-290. Tan. 274-291 ..... Pkg. 2/1.29

**J. Finger-Grip Phono Plugs.** Wing-tip construction for easy use. For fast component hookup. 274-343 ..... Pkg. of 10/1.99

**K. Phono Plugs.** 3 black, 3 red. Plastic strain-relief sleeve prevents accidental shorting. 274-451 ..... Pkg. of 6/1.59

**L. Shielded Phono Plugs.** Minimum hum pick-up with metal connector that's designed for easier soldering. Mates with all RCA-type phono jacks. 274-339 ..... Pkg. of 2/1.59

**M. Colour-Coded Phono Plugs.** Plastic insulated covers prevent short circuits. Cable clamp provides strong, positive connections. Assorted colours. 274-321 ..... Pkg. of 8/1.79

## Phone Jacks for All Applications



**A. Enclosed 1/4" Phone Jacks.** Accepts standard 1/4" phone plugs. Solder lug terminals for positive connections. All include mounting hardware for quick, easy installation.

2-Conductor. Open circuit. 274-280 ..... 99c

3-Conductor. Open Circuit. 274-282 ..... 1.19

**B. Enclosed 1/4" Stereo Phone Jack.** 3-Conductor. Double closed circuit. Strong, positive connection. Complete with schematic and hardware. 274-277 ..... 1.69

**C. Enclosed 1/8" Miniature Phone Jacks.**

Closed Circuit. 274-296 ..... Pkg. of 2/1.59

Open Circuit. 274-297 ..... Pkg. of 2/1.49

**D. Inline 1/4" Phone Jacks.** Durable black bakelite shell. Accepts standard 1/4" phone plug. 1.5x3.8cm. 274-340 ..... Pkg. of 2/1.99

**E. 1/4" Phone Jack.** Accepts standard 1/4" phone plugs.

2-Cond. Open Cir., 2 Closed. 274-324 ..... Pkg. of 4/2.49

2-Conductor. Open Circuit. 274-252 ..... Pkg. of 2/1.59

2-Conductor. Closed Circuit. 274-255 ..... Pkg. of 2/1.69

3-Conductor. Open Circuit. 274-312 ..... Pkg. of 2/2.29

3-Conductor. Closed Circuit. 274-311 ..... Pkg. of 2/2.69

**F. 2-Conductor Inline Mini Phone Jacks.** Accepts 1/8" mini phone plugs. Easy to install. 274-333 ..... Pkg. of 2/1.59

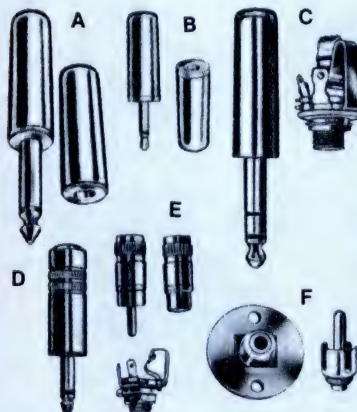
**G. Stereo Inline 1/4" Phone Jack.** Slim black plastic 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals 5.7cm long. 274-141 ..... Pkg. of 2/2.19

**H. 2-conductor 3/32" Subminiature Phone Jacks.** Accepts subminiature phone plugs. Closed circuit. 274-292 ..... Pkg. of 2/1.49

**I. 2-Conductor 1/8" Miniature Phone Jacks.** Mounts in 0.31 cm hole. Usable in panels up to 0.31cm thick. Easy to install. Open Circuit. 274-251 ..... Pkg. of 3/1.49

Closed Circuit. 274-253 ..... Pkg. of 3/1.69

## Plug and Jack Sets



**A. 1/4" Standard.** Phone plugs and inline jacks. One set red, one set black. Screw terminals. 274-1241 ..... Pkg. of 2 Sets/2.99

**B. 1/8" Miniature.** One black and one red for easy identification. Includes 2 phone plugs. 2 inline jacks. 274-283 ..... Pkg. of 2 Sets/2.49

**C. 3-Conductor Plug and Jack.** 1/4" open circuit jack and matching phone plug. Black bakelite shell, solder lug terminals. Includes mounting hardware. 274-323 ..... Set/1.99

**D. 1/8" Miniature.** Set of 2 matching shielded phone plugs and closed circuit jacks. All-metal plug prevents hum pickup. 274-336 ..... Pkg. of 2 Sets/1.99

**E. Shielded Phono Plugs and Jacks.** Two sets of RCA-type plugs and jacks for audio connections. Fully shielded to prevent hum pickup. 274-334 ..... Pkg. of 2 Sets/1.99

**F. Phono Plug and Jack Sets.** For use in phonos, amplifiers, tuners, hi-fi equipment. 274-1575 ..... Pkg. of 8/2.49



## Quality Phono Jacks

**A. Shielded Phono Jack.** Accepts RCA phono plug. Fits 0.63 cm mounting hole. Solder lug terminals for positive, low-loss connections. size 0.9x0.9 cm. 274-346 ..... Pkg. of 4/1.89

**B. Shielded Inline Phono Jack.** Solder lug terminals. Mates with RCA phono plugs. Rugged metal construction for reliability. 274-338 ..... Pkg. of 2/1.29

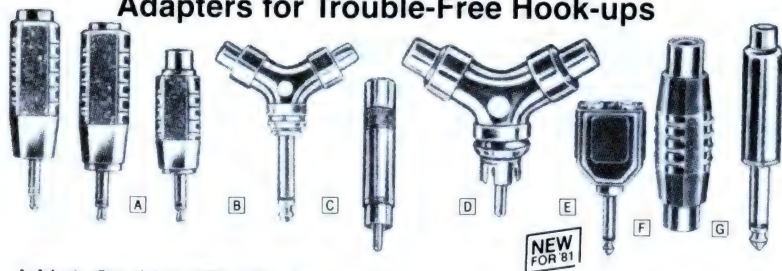
**C. Dual Phono Jack.** Chassis mount for stereo changers, amplifiers, other components. Accepts two RCA-type plugs. Phenolic construction. 274-332 ..... Pkg. of 2/1.19

**D. Quad Phono Jack.** Chassis mount design accepts up to 4 RCA-type phono plugs. Phenolic construction. 274-322 ..... 1.19



# Wide Selection of Audio Adapters, Plugs and Jacks

## Adapters for Trouble-Free Hook-ups



**A. Adapter Sets.** Adapts 1/8" mini plug to: 3/32" subminiature jack, 1/4" standard phone jack, RCA-type phono jack. **274-359** ..... Pkg. of 3/2.99

**B. Shielded "Y" Adapter.** Two RCA-type phono jacks connected in parallel to a standard 1/4" phone plug. **274-304** ..... 1.99

**C. 1/4" Phone Jack to Phono Plug.** Connects mikes, guitars, etc. to phono jack inputs. **274-389** ..... Pkg. of 2/2.69

**D. Shielded "Y" Adapter.** Two phono jacks connected in parallel to one RCA-type phono plug. **274-303** ..... 1.99

**E. Dual Microphone/Speaker Adapter.** Adapts two 1/4" 2-conductor phone plugs into a single 1/4" phone plug. **274-309** ..... 2.99

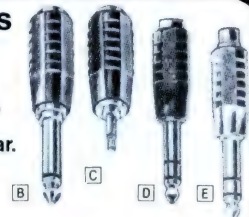
**F. Dual Phono Jack Couplers.** Back-to-back RCA-type phono plugs. **274-1553** ..... Pkg. of 2/1.59

**G. Phono Plug Adapters.** Inline adapter converts RCA-type phono plug to standard 1/4" plug. Moulded plastic body. Size: 1.2x7.3cm **274-320** ..... Pkg. of 2/2.49

## Headphone Adapters



Use your stereo headphones with portable radios, recorders, TVs, communications gear. Makes your stereo headphones more versatile!



**A. DUAL JACK ADAPTERS. Stereo 1/4" Phone Plug.** Adapts two stereo headphones to a single 1/4" stereo plug. **274-302** ..... 3.99

**Mini 1/8" Phone Plug.** Adapts two 1/8" miniature phone plugs to a single 1/8" plug. **274-310** ..... 1.79

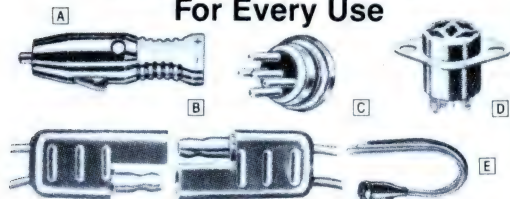
**B. 1/4" Stereo Jack to Mono 1/4" Phone Plug.** Perfect for using stereo headphones with CB's, shortwave sets, mono audio equipment. **274-360** ..... 1.79

**C. 1/4" Stereo Jack to 1/8" Mini Phone Plug.** **274-361** ..... 1.79

**D. 1/4" Stereo Plug to 1/8" Jack.** Permits listening or recording in mono from stereo headphone output jack. **274-363** ..... 1.79

**E. 1/4" Stereo Plug to Phono Jack.** Combines left and right channels from stereo headphone jack to mono output through phono jack. **274-365** ..... 1.79

## Automotive Connectors For Every Use



**A. Auto Lighter Plug.** Power DC accessories directly from vehicle's cigarette lighter socket. **274-331** ..... 1.39

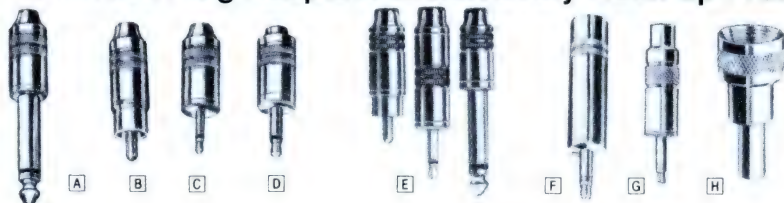
**B. Quick-Disconnect Plugs.** Polarized, heavy duty contacts. 30 cm loop wire with mating connectors. **270-026** ..... 1.29

**C. 5-Pin Speaker/Power Plugs.** Fits Realistic and most other brands of tape players. **274-1210** ..... Pkg. of 2/1.29

**D. 5-Pin Chassis-Mount Sockets.** Mates with above plugs. **274-1212** ..... Pkgs. of 2/1.99

**E. 5-Pin Inline socket with Leads.** Mates with above and most speaker wiring harnesses. **274-1215** ..... 1.99

## Shielded Plug Adapters to Solve Any Hook-up Problem



Positive Mating Contacts

Provides quick interconnections between audio components whose existing connectors do not mate. Shielded to prevent hum.

**A. Adapts 1/8" miniature phone plug to standard 1/4" phone plug.** **274-325** ..... 1.39

**B. Adapts 1/8" miniature phone plug to RCA-type phono plug.** **274-326** ..... 1.39

**C. Adapts 1/8" miniature phone plug to 3/32" subminiature phone plug.** **274-327** ..... 1.39

**D. Adapts 3/32" subminiature phone plug to 1/8" miniature phone plug.** **274-328** ..... 1.39

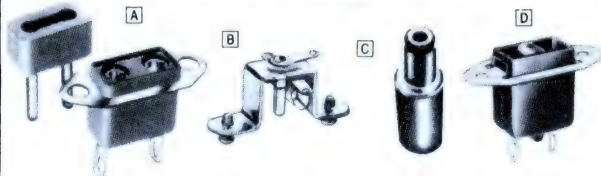
**E. 3-Piece Plug Adapter Set.** Adapts 1/8" mini phone plug to RCA plug, 1/8" mini phone plug to 1/4" phone plug, RCA phono plug to 3/32" submini plug. **274-046** ..... Pkg. of 3/2.99

**F. Adapts 1/4" plug to 1/8" plug.** **274-047** ..... 1.49

**G. Adapts RCA-type phono plug to 1/8" plug.** **274-330** ..... 1.49

**H. Mike Adapter Plug.** Adapts standard 1/4" plug to screw-on type coaxial mike plug. **274-048** ..... 1.49

## 2-Pin and Power Connectors



**A. 2-Pin Plugs and Sockets.** Set of 6, one pair each red, black and ivory. Plug size: 1.9x1.2 cm. Chassis mount socket, size: 1.2x1.2 cm. **274-342** ..... 2.99

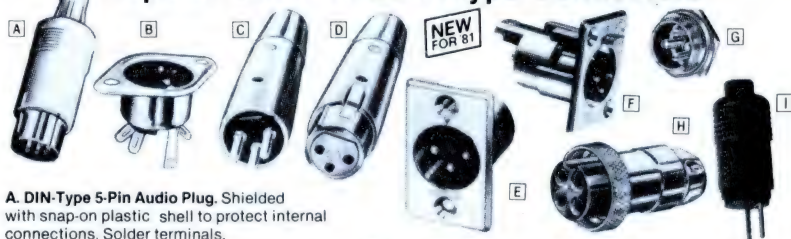
**B. Chassis Mount Jack.** Coax jack for plugs below. One each of .085 and .097" sizes. **274-1549** ..... Pkg. of 2/99c

**C. Coax Plugs.** Fits adapter sockets of most battery operated equipment and jacks listed above. One each of .085 and .097" inside diameter. **2.5cm Long**, .218" outside diameter. **274-1551** ..... Pkg. of 2/1.79

**3.4cm Long**, .196cm outside diameter. **274-1550** ..... Pkg. of 2/1.79

**D. AC Sockets.** Chassis mounting requires minimum mounting space. solder lugs. Easy-mounting flange with 3.1 cm hole spacing. **270-642** ..... Pkg. of 4/1.99

## Popular Audio and DIN-Type Connectors



**A. DIN-Type 5-Pin Audio Plug.** Shielded with snap-on plastic shell to protect internal connections. Solder terminals. **274-003** ..... 1.69

**5 Pin DIN Inline socket (Not Shown)** **274-9010** ..... Pkg. 2/2.69

**B. DIN-Type 5-Pin Chassis Socket.** Designed to accept 3 or 5-pin male DIN-Type plugs. Solder terminals. **274-005** ..... 99c

**C. A3M-Type 3-Pin Audio Connector.** All-metal. Features cable strain relief bushing. With plated bronze contacts. 8.1x1.9cm. **274-010** ..... 4.99

**D. A3F-Type 3-Pin Audio Connector** Mates with A3M or C3M connector. Cable strain relief bushing. 6.9x1.9 cm. **274-011** ..... 4.99

**E. C3M-Type 3-Pin Chassis-Mount Audio Connector.** Non-locking type. All-metal. Bronze contacts. **274-012** ..... 4.79

**F. C3F-Type 3-Pin Audio Connector** Locking type. Like C3M, above, but accepts A3M-type audio connector. **274-013** ..... 5.49

**G. 4-Pin Chassis Mount Socket.** Mates with 4-pin plug (below). Solder terminals. **274-002** ..... 1.39

**H. 4-Pin Mike Plug.** With cable strain relief. Solder terminals. **274-001** ..... 1.79

**I. Speaker DIN Plug.** **274-9022** ..... Pkg. of 2/1.89



# Wide Selection of Quality Resistors and Controls

## 350 Assorted Resistors in See-Thru Box



**12<sup>95</sup>** Each

1/4-Watt  
5%



1/2-Watt 10%

### \$50.75 Individual Parts Value!

Popular values: 10, 15, 22, 27, 33, 47, 68, 82, 100, 150, 180, 220, 270, 330, 390, 470, 560, 680, 1k, 1.2k, 1.5k, 1.8k, 2.2k, 3.3k, 3.9k, 4.7k, 5.6k, 6.8k, 8.2k, 10k, 12k, 15k, 22k, 27k, 33k, 39k, 37k, 56k, 100k, 120k, 150k, 220k, 270k, 470k, 1 meg, 2.2 meg, 10.0 meg. **271-601 . Pkg. of 350/12.95**

### \$27.30 Individual Parts Value!

Popular values: 10, 15, 22, 27, 33, 39, 47, 51, 68, 82, 100, 150, 220, 270, 330, 390, 470, 510, 680, 820, 1k, 1.2k, 1.5k, 1.8k, 2.2k, 2.7k, 3.0k, 3.3k, 3.9k, 4.7k, 5.1k, 5.6k, 6.8k, 8.2k, 10k, 12k, 15k, 20k, 22k, 27k, 33k, 47k, 51k, 56k, 68k, 82k, 100k, 120k, 150k, 220k, 470k, 1 meg, 1.5 meg, 3.3 meg, 4.7 meg, 10 meg. **271-602 . . . . . Pkg. of 350/12.95**

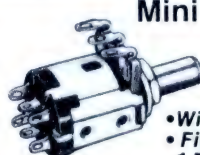
## Mini PC Potentiometers

**69<sup>c</sup>** Each  
1/8-Watt



Ohms	Cat. No.	Each
1k	271-333	.69
10k	271-335	.69
25k	271-336	.69
100k	271-338	.69
500k	271-339	.69

## Mini Controls



**1<sup>79</sup>** Each

• With Switch  
• Fits 0.79cm Hole  
1.5x1.9x2.5 cm.

Value	Cat. No.	Each
5k	271-214	1.79
10k	271-215	1.79
100k	271-216	1.79

## Quality Controls for Replacements or Projects

**2<sup>19</sup>**



Miniature Size

## Stereo Potentiometer

• Ideal for Volume/Tone Controls

Two 100,000 ohm audio taper controls on a single shaft. Only 1.5cm dia. by 2.2cm deep. 1/4" dia. shaft is 0.95cm long. With mtg. nut, washer. **271-224 . . . . . 2.19**

## Potentiometers

**1<sup>29</sup>** Each



## SPST Pot Switch

On/Off switch mounts on rear of controls below, as well as most standard pots. Rated 3A at 120VAC. Easy assembly. With instructions. **271-1740 . . . . . 99<sup>c</sup>**

**99<sup>c</sup>**

Audio Taper		
Value	Cat. No.	Each
5k	271-1720	1.29
10k	271-1721	1.29
100k	271-1722	1.29
500k	271-1723	1.29
Linear Taper		
5k	271-1714	1.29

Linear Taper (Cont'd)		
Value	Cat. No.	Each
10k	271-1715	1.29
50k	271-1716	1.29
100k	271-092	1.29
500k	271-210	1.29
1 meg	271-211	1.29
2 meg	271-093	1.29

## Printed Circuit Potentiometers



**79<sup>c</sup>** Each

• 1/4-Watt  
• 260° Rotation

Thumbwheel or screwdriver adjustable. Mount vertically on PC boards or terminal strips.

Ohms	Cat. No.	Each
500	271-226	0.79
1k	271-227	0.79
5k	271-217	0.79
10k	271-218	0.79
50k	271-219	0.79
100k	271-220	0.79
500k	271-221	0.79
1 meg	271-229	0.79

## 100-Piece Resistor Packs



1/2-Watt  
10% Tolerance

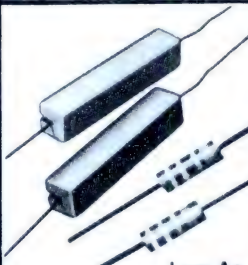
**2<sup>99</sup>** Each

1/4-Watt  
5% Tolerance

Includes 21 values, all color-coded. 6 each: 100Ω, 1k, 4.7k, 10k, 100k; 5 each: 150Ω, 330Ω, 470Ω, 680Ω, 15k, 220k, 470k, 1 meg; 4 each: 180Ω, 390Ω, 2.2k, 56k, 120k, 330k; 3 each: 22k, 270k. **271-306 . . . . . 2.99**

Includes 13 different values, all color-coded. Perfect for the builder or hobbyist. 10 each: 10Ω, 1k, 10k, 100k; 8 each: 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 meg; and 4 each: 150Ω, 220Ω, 15k. **271-308 . . . . . 2.99**

## Wirewound Power Resistors



Long Axial Leads  
Low As **79<sup>c</sup>**

Watts	Ohms	Tolerance	Cat. No.	Price
1	0.56	5%	271-072	2/99c
1	1.0	5%	271-073	2/99c
1	3.3	5%	271-075	2/99c
2	10.0	10%	271-080	2/99c
5	0.1	10%	271-128	79c
5	0.33	10%	271-129	79c
5	0.47	10%	271-130	79c
10	1.0	10%	271-131	2/1.19
10	10	10%	271-132	2/1.19
10	50	10%	271-133	2/1.19
10	100	10%	271-135	2/1.19

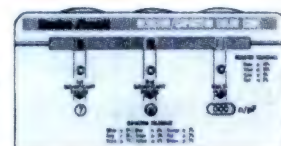
## Cadmium Sulfide Photoresistor



**1<sup>29</sup>**  
Peak Sensitivity  
for Yellow-Green Light  
(2870° K)

Wide resistance range — 5 meg-ohms (in darkness) to 100 ohms (bright light). Maximum power dissipation: 200 mW at 170V. 1.2x0.63 cm. **276-116 . . . . . 1.29**

## Color-Code Guide



**59<sup>c</sup>**

Pocket size, quick numerical readout of resistor, capacitor, and inductor values and tolerances in ohms, pF, and μH. RETMA standard. Really handy! **271-1210 . . . . . 59<sup>c</sup>**

## 1/2-Watt Resistors 10% Tolerance



**29<sup>c</sup>** Pkg. of 2

## 1/4-Watt Resistors 5% Tolerance



**39<sup>c</sup>** Pkg. of 5

1/2-Watt		1/2-Watt		1/2-Watt		1/4-Watt		1/4-Watt	
Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-001	560	271-020	22k	271-038	10	271-1301	10k	271-1335
15	271-003	680	271-021	27k	271-039	47	271-1307	15k	271-1337
22	271-005	1k	271-023	33k	271-040	100	271-1311	22k	271-1339
27	271-006	1.2k	271-024	39k	271-041	150	271-1312	27k	271-1340
33	271-007	1.5k	271-025	47k	271-042	220	271-1313	33k	271-1341
47	271-009	1.8k	271-026	56k	271-043	270	271-1314	47k	271-1342
68	271-010	2.2k	271-027	100k	271-045	330	271-1315	68k	271-1345
82	271-011	3.3k	271-028	120k	271-046	470	271-1317	100k	271-1347
100	271-012	3.9k	271-029	150k	271-047	1k	271-1321	220k	271-1350
150	271-013	4.7k	271-030	220k	271-049	1.8k	271-1324	470k	271-1354
						3.3k	271-1328		
180	271-014	5.6k	271-031	270k	271-050			1meg	271-1356
220	271-015	6.8k	271-032	470k	271-053	3.9k	271-1329	10meg	271-1365
270	271-016	10k	271-034	1meg	271-059	4.7k	271-1330		
330	271-017	12k	271-035	2.2meg	271-061	6.8k	271-1333		
390	271-018	15k	271-036	10.0meg	271-069				
470	271-019								



# Shop the "Parts Place" for Value-Priced Capacitors



## Xenon Strobe Flashtube

**2<sup>99</sup>** Build a Strobe Light or Slave Photoflash

Perfect for projects or replacement use. Trigger voltage: 4 kV. Anode: 300V max., 200V min. Includes data. 272-1145 ..... 2.99



## 4 kV Trigger Coil

**1<sup>39</sup>** Build Your Own Flash!

Ideal for use with flashtube (above) to make master or slave strobe units. Requires 200-300V primary source. Includes wiring diagrams. 272-1146 ..... 1.39

## 150 Ceramic Discs



**12<sup>95</sup>**

50WVDC. Contains 15 .005 $\mu$ F, 10 each of 100, 220, 470pF; .001, .002, .01, .02, .05, .1 $\mu$ F; 5 each of 5, 47, 68, 330pF; 25 other assorted values. Sealed construction. 272-601 ..... 12.95

## 35 Radial-Lead Electrolytics

Each includes \$2.99 value storage box

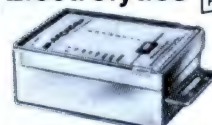


**12<sup>95</sup>**

35WVDC. 6 each of 4.7, 10, 22 and 47 $\mu$ F; 4 of 100 $\mu$ F; 3 of 220 $\mu$ F; 2 each of 470 and 1000 $\mu$ F. Ideal for PC board use. 272-602 ..... 12.95

## 16 Axial-Lead Electrolytics

NEW FOR '81



**8<sup>95</sup>**

35WVDC. Contains 3 each of 4.7, 10, 47 $\mu$ F; 2 of 22, 100 $\mu$ F; 1 of 220, 470, 1000 $\mu$ F. Includes reusable plastic storage box! 272-604 ..... 8.95



## Metalized Film Capacitors

Low As **69<sup>c</sup>** Each For Axial or PC Use

Aluminum deposited mylar film for low leakage. High stability — resists temperature changes.

$\mu$ F	Cat. No.	Each
.01	272-1051	.69
.047	272-1052	.79
.1	272-1053	.89
.22	272-1058	.99
.47	272-1054	1.09
1.0	272-1055	1.29

## Quality Ceramic Disc Capacitors



Low As **49<sup>c</sup>** Pkg. of 2

For RF, Bypass and Coupling Applications

Moisture-proof coating for dependability. High "Q" for low loss in RF circuits. 50 WVDC minimum.

pF	Cat. No.	Price	$\mu$ F	Cat. No.	Price
4.7	272-120	.49	.001	272-126	.49
47	272-121	.49	.005	272-130	.49
100	272-123	.49	.010	272-131	.49
220	272-124	.49	.050	272-134	.59
470	272-125	.49	.100	272-135	.59

## Printed Circuit Capacitors

• Epoxy Coated  
• 50 WVDC

Low As **89<sup>c</sup>** Pkg. of 2



Miniature size. High dielectric strength. Long radial leads. Rugged construction.

$\mu$ F	Per Pkg.	Cat. No.	Price
.01	2	272-1065	.89
.022	2	272-1066	.99
.047	2	272-1068	.99
.1	2	272-1069	1.19
.22	2	272-1070	1.29
.47	1	272-1071	1.19

## Kit of 10 PC Electrolytics



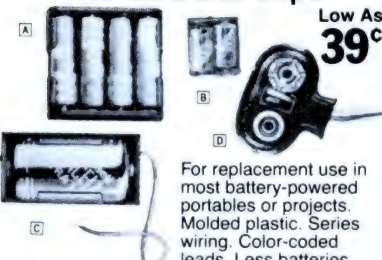
**3<sup>95</sup>** Pkg. of 10

- Radial Leads
- Low Leakage Current

Package of electrolytics containing two each of most-used values: 4.7, 10, 22, 47 and 100  $\mu$ F. Rated 35 WVDC. 272-1035 ..... Pkg. of 10/3.95

## Plastic Battery Holders and Clips

Low As **39<sup>c</sup>**



For replacement use in most battery-powered portables or projects. Molded plastic. Series wiring. Color-coded leads. Less batteries.

Cat. No.	Holds	Each	Cat. No.	Holds	Each
[A] 270-382	2 "AA"	.79	270-386	2 "D"	1.19
270-383	4 "AA"	.89	270-389	4 "D"	1.29
270-388	4 "AA"	.89	[C] 270-401	1 "AA"	.39
270-391	4 "AA"	.89	270-402	1 "C"	.49
270-384	6 "AA"	.99	270-403	1 "D"	.59
270-387	8 "AA"	1.19			
[B] 270-385	2 "C"	.99	[D] Plastic 9V Clips.		
270-390	4 "C"	1.19	Color-coded leads.		
			270-325		Pkg. of 5/99c

## Disc Capacitors

**2<sup>99</sup>** Pkg. of 100 Up to 1000 WVDC

Less Than 3c Each!

Includes NPO's, Hi-Q's, temperature compensated as well as mylar and ceramic types. Values from 2 pF to 0.1  $\mu$ F. May include ratings 50V to 1000V. 272-801 ..... Pkg. of 100/2.99

## Low-Leakage Electrolytics

• 35WVDC Low As **69<sup>c</sup>**  
• Radial Leads



Replaces tantalum-type capacitors in most applications.

$\mu$ F	Cat. No.	Each	$\mu$ F	Cat. No.	Each
.1	272-1415	.69	1.0	272-1419	.69
.22	272-1416	.69	2.2	272-1420	.79
.47	272-1417	.69	3.3	272-1421	.79
.68	272-1418	.69	4.7	272-1422	.79
			10.0	272-1423	.79

Low As **79<sup>c</sup>** Non-Polarized Electrolytics

All Rated 50 WVDC  
Ideal for speaker crossover networks, filters and other audio uses. Long axial leads.



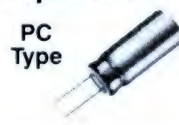
$\mu$ F	Cat. No.	Each
1.0	272-996	.79
2.2	272-997	.79
4.7	272-998	.89
10.0	272-999	.99

## Miniature Electrolytic Capacitors



Axial Type

Low As **49<sup>c</sup>**



PC Type

High-grade aluminum cans use special end-seals for long life. Welded at all critical terminations. Popular values in both axial and PC types.

$\mu$ F	WVDC	Leads	Cat. No.	Each
220	16	Axial	272-1006	.79
220	16	PC	272-956	.79
470	16	PC	272-957	.89
1000	16	PC	272-958	.99
4.7	35	Axial	272-1012	.49
4.7	35	PC	272-1024	.49
10	35	Axial	272-1013	.59
10	35	PC	272-1025	.59
22	35	Axial	272-1014	.69
22	35	PC	272-1026	.69
47	35	Axial	272-1015	.69
47	35	PC	272-1027	.69
100	35	Axial	272-1016	.79
100	35	PC	272-1028	.79
220	35	Axial	272-1017	.89
220	35	PC	272-1029	.89
470	35	Axial	272-1018	.99
470	35	PC	272-1030	.99
1000	35	Axial	272-1019	1.59
1000	35	PC	272-1032	1.59
2200	35	Axial	272-1020	2.49
3300	35	Axial	272-1021	2.99
4700	35	Axial	272-1022	3.59
100	50	PC	272-1044	.89
470	50	Axial	272-1046	1.59
1000	50	Axial	272-1047	1.99
2200	50	Axial	272-1048	3.49

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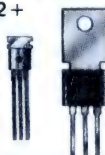


# Archer® Transistors – Great Replacements at Low Cost

TO-220 TO-5 TO-92

TO-3

TO-92 + TO-202



**Tandy**  
Has Replacements  
for More Than  
**60,000 Transistor Types!**

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Complete Cross-Reference in Our Archer Semiconductor Handbook



**Archer Semiconductor  
Reference Handbook**

NEW  
FOR '81

**2<sup>99</sup>**

Available  
Dec. 30, 1980

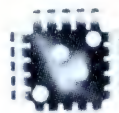
Sold Only at  
Tandy

Cat. No.	Specifications (Maximum)						Type	Case Style	Each
	Family Application	Diss.	V <sub>CEO</sub>	V <sub>EB0</sub>	I <sub>C</sub> mA	Typ Hfe			
GERMANIUM									
276-2007	Gen. Purpose. High Frequency Amp	150mW	30	25	300	40	PNP	TO-5	1.39
SILICON									
276-2008	Med. Power Amp	1W	300	7	30	40	NPN	TO-92 +	1.49
276-2009	Gen. Purpose Amp and High Speed Switch	600mW	60	5	800	50	NPN	TO-92	.99
276-2010	Low-Level, Low-Noise High-Gain Amp	360mW	60	6	50	250	NPN	TO-92	.99
276-2011	RF IF Amp and Oscillator	600mW	30	3	50	20	NPN	TO-92	1.39
276-2013	Gen. Purpose. Low Frequency Amp	350mW	50	4.5	50	250	NPN	TO-92	.99
276-2014	Gen. Purpose Audio Amp	360mW	50	5	800	100	NPN	TO-92	.99
276-2016	Gen. Purpose Amp and Switch	360mW	60	6	200	100	NPN	TO-92	.89
276-2017	Power Audio Amp	40W	40	5	3A	35	NPN	TO-220	1.59
276-2018	Power Amp and High Speed Switch	40W	40	5	1A	15	NPN	TO-220	1.59
276-2019	Power Amp and High Speed Switch	90W	40	5	10A	20	NPN	TO-220	1.79
276-2020	Power Amp and High Speed Switch	90W	100	7	15A	20	NPN	TO-220	1.99
276-2021	Gen. Purpose Amp and Med. Power Switch	350mW	12	4	80	30	PNP	TO-92	.99
276-2023	Gen. Purpose Amp and High Speed Switch	600mW	60	5	100	50	PNP	TO-92	.89
276-2024	Gen. Purpose Amp and Med. Power Switch	360mW	40	5	200	60	PNP	TO-92	.99
276-2025	Power Audio Amp	40W	40	5	3A	35	PNP	TO-220	1.59
276-2026	Power Amp and High Speed Switch	40W	40	5	1A	15	PNP	TO-220	1.59
276-2027	Power Audio Amp	90W	40	5	10A	50	PNP	TO-220	1.79
276-2030	Gen. Purpose Power Amp. High Current	1W	60	5	700	50	NPN	TO-3PT	.99
276-2032	Low-Noise, High-Gain Med. Power Switch	350mW	12	4	80	30	PNP	TO-92	.89
276-2033	High Speed Switch. High Current	350mW	60	5	500	100	NPN	TO-92	.89
276-2034	Gen. Purp. Audio Amp	350mW	40	5	200	100	PNP	TO-92	.89
276-2038	200 MHz RF Power Amp	5W	60	3.5	400	100	NPN	TO-39	2.39
276-2039	High-Power Amp and Switch	100W	45	5	12A	100	NPN	TO-3	2.59
276-2040	High-Power Amp and Switch	100W	45	5	12A	100	PNP	TO-3	2.59
276-2041	High-Power Amp and Switch	115W	100	7	15A	50	NPN	TO-3	2.39
276-2042	High-Power Darlington	120W	60	7	15A	20,000	NPN	TO-3	2.89
276-2043	High-Power Amp and Switch	150W	100	7	15A	70	PNP	TO-3	2.39
JAPANESE REPLACEMENT TRANSISTORS									
276-2048	2SD313 Power Audio Amp	30W	60	5	3A	180	NPN	TO-220	2.19
276-2049	2SB596 Power Audio Amp	30W	70	5	4A	140	PNP	TO-220	1.99
276-2050	2SA733	250mW	50	6	100	200	PNP	TO-92	.89
276-2051	2SC945	250mW	60	6	100	200	NPN	TO-92	.89
	Complimentary Small Signal AF. Switching								
276-2052	2SC1096 Power Audio Amp	10W	50	2	3A	100	NPN	TO-220	1.49
276-2053	2SC1307 180 MHz RF Power Amp	25W	45V	—	8A	85	NPN	TO-220	2.59
N-CHANNEL FIELD EFFECT TRANSISTORS									
		Diss. mW	V <sub>GS0</sub> V	V <sub>DS0</sub> V	g <sub>fs</sub> mmhos			Case Style	Each
276-2028	Small Signal VHF Mixer and Amp	330	50	50	1545			TO-92	1.49
276-2035	Small Signal General Purpose	360	25	25	2065			TO-92	1.29
276-2036	RF Amp to 200 MHz	300	30	30	3565			TO-72	1.59
276-2046	2SK212 RF FET (Japanese Replacement)	200	20	20	2060			TO-92 (Modified)	1.39
276-2070	VN10KM VMOS Power FET	1W	60	60	100-200			TO-92 +	1.89
276-2071	VN67AF VMOS Power FET	15W	60	60	250(TYP.)			TO-202	2.89
		Diss. (mW)	V <sub>GS1</sub> V	V <sub>DS</sub>	g <sub>fs</sub> min, max				Each
276-2045	Dual Gate MOSFET Mixer, oscillator, RF amp	360	35V	27V	1740				1.89
					µmhos				
Cat. No.	Family Application	Diss.	rBB	N	VEB	VOB	IP	Case	Each
276-2029	Unijunction Transistor	360mW	9.1k	.82	4.0V	3.0V	5.0µA	TO-92	1.39

The comprehensive guide to Tandy's wide range of semiconductor devices. Cross reference/substitution listings for over 100,000 types. Pin connections and detailed data for ICs, diodes, SCRs, LEDs, optoelectronics and more! **276-4004** ..... **2.99**



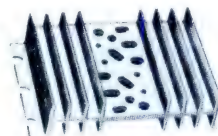
A



B

**Heat Sinks**

Low As  
**1<sup>29</sup>**



C

**A TO-220 Heat Sink.** Ideal for PC board mounted power semiconductors in TO-220 cases. Anodized aluminum. **276-1363** ..... **1.29**

**B TO-3 Heat Sink.** For power devices in TO-3 cases. **276-1364** ..... **1.89**

**C Universal.** Aluminum sink mounts two power devices, accepts 9 case styles. **276-1361** ..... **3.99**

**Protective Heat Sinks** **2<sup>69</sup>**

Pack  
of 5  
**Spring-Loaded**



For soldering transistors and other heat-sensitive devices without damage. 6.3cm and 3.4 cm straight and bent-jaw types. With magnetic base. **276-001** ..... **Pkg. of 5/2.69**

**Heat Sink Compound**

**1<sup>69</sup>** **Silicone Base Grease**

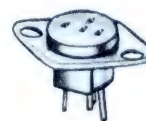


Insures proper heat transfer from power semiconductors to heat sink or chassis. **276-1372** ..... **1.69**

**Transistor Sockets and Hardware**



A



B

Low As  
**79<sup>c</sup>**

C

**A Power Transistor Sockets.** For transistors, other semiconductors in TO-3 case. **276-029** ... **Pkg. of 2/1.19**

**B Transistor Sockets.** Accept transistors with inline or triangle contact pattern. **276-548** ..... **Pkg. of 6/1.99**

**C Mounting Hardware.** For power transistors and other semiconductors. Includes screws, insulating washers, bushings.

Cat. No.	For Case	Each
276-1371	TO-3	.79
276-1373	TO-220	.79





# Archer Parts & Valves Make Your Work Go Easier

## VALVES FROM TANDY

**Our Own Famous Brand! Valves That Last  
As Long as Your Set—Or We Replace Them free!**

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Our exclusive Realistic Lifetime brand valves are custom made to our specifications — we have the final say on the rigid standards of quality control. And we are so confident of the finished product that we can make this "no gimmick" replacement offer that's unheard of in the rest of the industry. The most wanted types are listed in the chart on right and are IN STOCK at Tandy stores nationwide.

N.B. All valves other than Realistic carry a 90 day warranty

### Why are the Contacts Gold-Clad?



You want the best, so we use 24K gold-clad pins for lower inductance, better heat dissipation, less resistance, positive tube-to-socket contact.

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In Most  
Stores



Do your own troubleshooting and really save! Each tester has simple 1-2-3 instructions — anybody can do it. Replace your weak or burned out valve from our selection. Tandy is your one-stop valve shopping centre.

Valve Type	Each
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6AL3 (EY88)	4.95
6AU4GT	10.95
6AU6A	7.95
6BE6	9.95
6BL8 (ECF80)	3.95
6BM8	4.95
6BQ5	5.95
6CA7	9.95
6CM5 (EL36)	7.95
6CW5	5.95
6DQ6B/6GW6	13.95
6DX8 (ECL84)	4.95
6EJ7 (EF184)	3.95
6ES8	6.95
6GK5	5.95
6GV8 (ECL85)	6.95
6GW8 (ECL86)	5.95
6JW8	4.95
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6X9	6.95
6Y9	9.95
12AU7A (ECC82)	3.95
12AX7 (ECC83)	3.95

## Top Value Archer-Pak Parts and Semiconductors Only \$2.99 Each!

### 50 Silicon Switching Diodes

Type 1N914. Ideal for logic circuits. Switching time as low as 4 ns. PRV. 90V. VF, 1.0. Silicon type with long axial leads. 276-1620 ..... 2.99

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May include adjustable or fixed (5-24V) types from LM-309K, 723, 340, 7800's and types UA78MG, UA79MG. Styles may vary. 276-1608 ..... 2.99

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### Electrolytic Capacitors

Assorted pkg. of 20. Miniature and subminiature styles, values from 0.1  $\mu$ F to 47  $\mu$ F rated up to 50VDC. 272-802 ..... 2.99

### 15 NPN General- Use Transistors

Type 2N2222. General-purpose amplifier, high-speed, medium power switching. Dissipation, 600 mW. Ic, 800 mA. Typical  $h_{FE}$ , 50. 276-1617 ..... 2.99

### 15 All-Purpose Transistors

2N3904. Popular NPN small-signal type. For amplification or switching use. Diss., 300 mW.  $V_{CE0}$ , 40V typical  $h_{FE}$ , 50. TO-92 case. 276-1603 ..... 2.99

### 12 Potentiometers and Trimmers

Assorted values and styles, including multi-turn devices. Nylon cases. May include wire-wound types and some with gold-plated pins. 271-1605 ..... 2.99

### 25 Assorted Zener Diodes

Large selection of diodes with ratings from 2.8 to 120V; 250 mW to 5 watts. May even include double-anode types. 276-1629 ..... 2.99

### 20 Assorted LEDs

May include types MV-5054, MV-50, RL-209, in red, green, amber. May also include infrared emitting types and battery status indicators. 276-1622 ..... 2.99

### 15 Amplifying Transistors

Type 2N3906. General-purpose, PNP small-signal type—one of the most popular. Diss., 350 mW.  $V_{CE0}$ , 40V. Typical  $h_{FE}$ , 50. TO-92 case. 276-1604 ..... 2.99

### Pair of LED Digits

7-segment, 0.5" red displays. Forward voltage: 1.75. Forward current: 20 mA/segment. 276-1647. Common Cathode Pair 2.99  
276-1648. Common Anode Pair 2.99

### 100 Disc Capacitors

Includes NPO's, Hi-Q's, N-750's, Mylar and ceramic types. Values from 2 pF to 0.1  $\mu$ F, in working voltages up to 1 kV. 272-801 ..... 2.99

### 10 LED Readout Displays

Hobbyist/experimenter assortment may include MAN-1, MAN-3, DL-747, DL-33 and others. All segments light. 276-1627 ..... 2.99

### 8 Opto-Isolators

Ideal for logic circuits, AC/DC controls, solid state relays. Up to 1500VRMS isolation. Max. output current 100 mA. 276-1628 ..... 2.99

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Selection may include push-button, slide, toggle and rocker switches rated up to 3A at 125VAC. SPST, DPDT, momentary and other types. 275-1601 ..... 2.99

### 25 Polystyrene Capacitors

Block-type capacitors with radial leads.

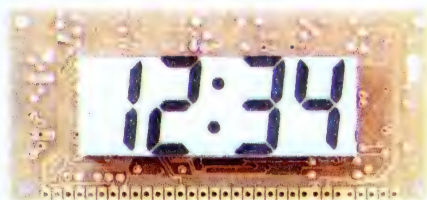
272-803 ..... 2.99

Tandy is Australia's "Parts Place" for Electronics



# Optoelectronics for Hobbyists from Tandy

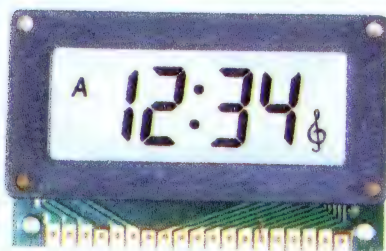
## 4-Digit LED Time/Temperature Clock Module



**29<sup>95</sup>**

Remote  
Temperature  
Sensing

12/24 hour clock features temperature display in degrees C or F. Built-in beeping 24-hours alarm drives an 8-ohm speaker directly. Has 10-minute snooze, 59-minute sleep feature, dimmer circuit. 277-1006 ..... 29.95  
Temperature Sensor IC. LM 334. 276-1734 ..... 3.29  
Power Transformer. 273-9530 ..... 9.95



## 4-Digit LCD Timer/Clock Module

**27<sup>95</sup>**

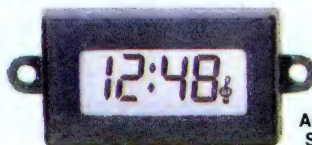
NEW  
FOR \$1

Large Half-Inch  
LCD Display

Versatile, nine-function, crystal-controlled timekeeper/controller module. 12 or 24-hour time format. Built-in backlight, dual time zones, stopwatch, sleep and control timer functions. 24-hour alarm. 5.8x3.8cm. 1.5 VDC operation. 277-1007 ..... 27.95

## "Super Small" LCD Clock Module

**24<sup>95</sup>**

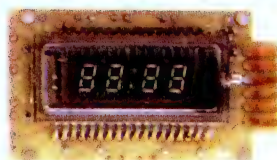


Actual  
Size

- Features 24-Hour Alarm
- Shows Time/Day/Date

Complete clock module — just add switches, buzzer and battery. 0.25" LCD display has built-in backlight, PM, alarm set and snooze indicators. 12 or 24 hour time display. 277-1005 ..... 24.95  
Submini Switches for Above. 275-1571 ..... Pkg. 2/1.99

## MA-1003 12-Hour Auto Clock Module



**24<sup>95</sup>**

- Bright Green Fluorescent Display
- $\pm 0.5$  Sec/Day Accuracy

Large, easy-to-read 0.3" display blanks automatically to minimize battery drain when ignition is off. Includes data sheet. 277-1003 ..... 24.95  
Pushbutton Switches. 275-1547 ..... Pkg. 5/2.79  
Deluxe Case. 270-303 ..... 8.95

## Emitter/Detector Pair

## Silicon Phototransistor



**2<sup>99</sup>**  
Pair

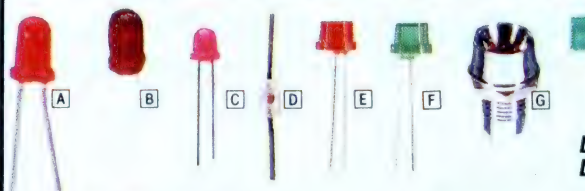


**99<sup>c</sup>**

Submini LED source rated 20 mA at 1.7 VDC. Uses phototransistor for sensitivity. 276-142 ..... Pair 2.99

Similar to FPT-100. TTL/DTL compatible. High sensitivity, fast response. 276-130 ..... 99c

## Long-Life LEDs for All Your Needs



Low-cost diffused lens LEDs.

- A. T-1 3/4 Jumbo, Red. 276-041 ..... Pkg. 2/99c  
B. T-1 Mini, Red. 276-026 ..... Pkg. 2/99c  
C. Submini, Red. 276-042 ..... Pkg. 2/99c  
D. Micromini, Clear Red. Type TLR-1210.31x0.15x0.31 cm. 276-032 ..... Pkg. 4/1.49  
E. Red. Fresnel lens for high brightness. Mount in 0.47 cm hole. Type TLR-107. 276-033 ..... Pkg. 2/1.09

Low As  
**99<sup>c</sup>**  
Pkg. of 2

Displays, Status,  
Data Indicators

- F. Green. Fresnel lens. Type TLG-107. 276-034 ..... Pkg. 2/1.19  
G. Chrome LED Panel Lamp Holders. Accept standard T-1 3/4 LEDs. 0.39 cm hole. 276-080 ..... Pkg. 2/1.49  
H. Rectangular LED Lamps. High brightness. Can be stacked vertically or horizontally. Max. forward current: 30 mA. Typical forward voltage: 2.5. Red. 276-070 ..... 2/1.29  
Green. 276-071 ..... 2/1.29  
Yellow. 276-072 ..... 2/1.29

## Single-Digit LED Readouts



**2<sup>99</sup>**

0.6" — Left  
Decimal

1.75 V/segment. 30 mA typical. Compatible with bipolar and MOS IC's. Common anode. 276-056 ..... 2.99



**2<sup>49</sup>**

0.3" — Left and  
Right Decimal

Fits 14-pin DIP socket. 1.7 V/segment @ 20 mA. Light output 0.25 mcd 10 mA. Common anode. 276-053 ..... 2.49



**2<sup>69</sup>**

0.3" — Right  
Hand Decimal

Bright yellow display is a great alternative to red. 3.0 V/segment @ 20 mA. Common cathode. 276-067 ..... Pkg. 2/2.69

NEW  
FOR \$1

## High Isolation Opto-Couplers

- TTL Compatible
- High DC Transfer Rate Ratio
- 6 Pin DIPs

**2<sup>69</sup>**



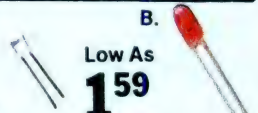
TIL-111. Infrared LED source optically coupled to NPN phototransistor. Switching time 5 ms (typical). 276-132 ..... 2.69  
TIL-119/4N31. Infrared LED source optically coupled to NPN Darlington phototransistor. DC transfer ratio 300% min. at 10 mA. 276-133 ..... 2.69

## Unique LEDs

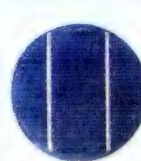
B.

Low As  
**1<sup>59</sup>**

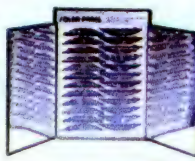
A.



A. Tri-Colour LED. Red on DC, green on reverse DC, yellow on AC. Uniform 0.6 mcd. output. Forward voltage: 2.2 VDC. Max. current: 25 mA. T 1 3/4 size. 276-035 ..... 1.69  
B. Red Flasher LED. Works from 3 to 5 VDC, no dropping resistor needed. Pulse rate: 3 Hz. Req. 20 mA at 5VDC. 276-036 ..... 1.59



A.



B.

NEW  
FOR \$1

A. 7.6cm Silicon Solar Cell. Convert sunlight into electrical power. Delivers 0.45 V at 1 amp. Use several in series/parallel for higher voltages/current. 276-123 ..... 14.99  
B. Solar Panel. Harness the sun's clean free energy in full sunlight. Supplies 50mA at 3-6-9 volts. 276-9125 ..... 24.95

## Pushbutton Key Pad Module



**19<sup>95</sup>**

NEW  
FOR \$1

Great for Remote  
Control Circuitry  
or Amateur Radio  
Auto Patching

Twelve-button keyboard has 3.8x5.0 cm face. Requires 3-5VDC @ 16 mA. 277-1010 ..... 19.95  
TV Colourburst Crystal. 3.58 MHz. HC 18W base. 272-1310 ..... 2.99



# Quality Solid-State Devices at Tandy's Low Prices

## IC Sound Generator



Linear/I<sup>2</sup>L Device

**9<sup>95</sup>**

NEW FOR 81

**SN76488.** This IC, a handful of parts and a little imagination can create an infinite number of sounds. Includes both analog and digital circuitry on one chip. Micro-processor-compatible for sophisticated multiplexing of sounds. Built-in audio amplifier has 125 mW output. Data included. 28-pin DIP. 276-1766 ..... **9.95**

## Dual Analog Delay IC



**18<sup>95</sup>**

**SAD1024A.** "Bucket Brigade" device has two separate 512-stage shift registers which can be used independently or in combination. Provides continuously variable electronic delay for complex audio signals to create reverb, echo, phase shift, chorus and vibrato effects. Reliable NMOS design operates from single supply. With applications circuits and data. 16-pin DIP. 276-1761 ..... **18.95**

## Octave Synthesizer IC



**9<sup>95</sup>**

**S50240.** PMOS oscillator/frequency divider chip generates 13 equal-tempered notes from C<sub>8</sub> to C<sub>8</sub>' to form the heart of any electronic keyboard instrument. CMOS compatible square wave outputs have the capability of driving additional dividers or voice filters. Operates from single supply from 11 to 16 volts. 16-pin DIP. 276-1780 ..... **9.95**

## Engineer's Notebook



**2<sup>49</sup>**

**Sold Only at Tandy!**

By Forrest Mims III. Practical circuits that are easy to follow. Applications for most popular linear and digital IC's. All circuits have been built and tested. Punched for 3-ring binder. 276-5001 ..... **2.49**

## Sound Generator "Music Synthesizer" IC



Linear/I<sup>2</sup>L Device

**7<sup>99</sup>**

**SN76477.** Creates almost any type of sound—including music, explosions, phasers and gunshots. Built-in pre-amplifier provides line-level output. IC includes 2 VCO's, low frequency oscillator, noise generator and filter, 2 mixers, envelope modulator and timing logic circuit. Applications, data included. 28-pin DIP. 276-1765 ..... **7.99**

## Rhythm Generator

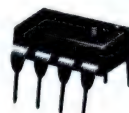


**9<sup>95</sup>**

Adjustable Chip Oscillator Sets Tempo

**MM5871.** Build your own rhythm box or drum synthesizer. PMOS IC provides 6 separate patterns. Use patterns alone or in any combination. Trigger outputs for wood block, brushes, bongo, snare and bass drum with adjustable pulse width. Application circuits, data included. 16-pin DIP. 276-1785 ..... **9.95**

## Noise Generator



**3<sup>95</sup>**

NEW FOR 81

**S2688 MM5837.** Percussion instrument voice generator for rhythm units, synthesizers, simulated pipe "wind" noise, acoustics testing (white and pink noise), random events generator. 17-bit shift register is clocked by an internal oscillator. 8-pin mini DIP. 276-1768 ..... **3.95**

## Adjustable Temp Sensor

TO-92 Case



**3<sup>29</sup>**

Usable as linear temperature-sensitive device or current source. With 10,000 to 1 range. Add resistor to convert to zero-drift current source. 276-1734 ..... **3.29**

## IC Audio Amplifiers



NEW FOR 81

**Make Your Car Radio, Tape Player Sound Like New!**

Low As **1<sup>59</sup>**

- [A] **LM383/TDA2002.** Delivers up to 8 watts RMS at 13.8VDC. TO-220 case. 276-703 ..... **4.39**
- [B] **LM1877.** 2 watts RMS channel stereo amplifier. For 9-30VDC. 14-pin DIP. 276-702 ..... **3.99**
- [C] **LM386.** Low voltage amp. Output to 400 mW. 4-12VDC. 8-pin mini DIP. 276-1731 ..... **1.59**
- [D] **BA521.** Japanese IC replacement. 5.8 watts output. 12VDC. 276-704 ..... **3.99**
- [E] **TA7205AP.** Japanese IC replacement. 5.8 watts output. 9-18VDC. THD 0.07%. 276-705 ..... **4.49**

## SCRs and Triacs

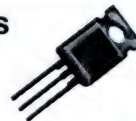
TO-220 Cases Low As **1<sup>29</sup>**



- 6-Amp SCRs.** Electrically isolated. Ideal for motors. 200V. 276-1067 ..... **1.29**
- 400V. 276-1020 ..... **1.49**
- 6-Amp Triacs.** For heat element control, light dimmers. Immune to transient damage. 200V. 276-1001 ..... **1.29**
- 400V. 276-1000 ..... **1.49**

## IC Voltage Regulators

For Low-Cost Regulated Supplies **2<sup>49</sup>**



Fixed voltage regulators offer excellent ripple rejection. Overload protected with thermal shutdown. Output currents up to 1 amp. Max. input voltage: 35VDC. TO-220 case. Type 7805. 276-1770 ..... **2.49**- Type 7812. 276-1771 ..... **2.49**
- Type 7815. 276-1772 ..... **2.49**

## Adjustable Voltage Regulators

- Low As **1<sup>49</sup>**
- [A] **LM723.** Adjustable from 0 to 40VDC output. 14-pin DIP. 276-1740 ..... **1.49**
- [B] **LM317.** Adjustable from 1.2 to 37 volts output. 1.5 amps. TO-3 case. 276-1777 ..... **6.99**
- [C] **LM317T.** Adjustable. Positive regulator. TO-220 case. 276-1778 ..... **4.99**
- LM337T.** Negative regulator. 276-1779 ..... **4.99**

## LED Flasher/Oscillator

Adjustable Pulse Rate

**1<sup>69</sup>**



**LM3909.** Flash LEDs with minimum current drain. Operates from single 1.5V or higher battery voltage sources. 8-pin DIP. 276-1705 ..... **1.69**

## Operational Amplifier ICs



Low As **1<sup>09</sup>**



- 741C.** Frequency-compensated op-amp. Up to 16V supply. 8-pin DIP. 276-007 ..... **1.09**
- 1458.** Dual op-amp. Internally compensated.  $\pm$  16V supply. 8-pin DIP. 276-038 ..... **1.39**
- LM324N.** Quad op-amp. Operation from single 3 to 30VDC supply. 14-pin DIP. 276-1711 ..... **1.99**
- LM3900N.** Quad norton op-amp. Single 4 to 36V supply. 14-pin DIP. 276-1713 ..... **1.79**
- TL081.** Single BiFet op-amp. Low distortion; 13V/ $\mu$ S slew rate. 8-pin DIP. 276-1716 ..... **2.29**
- LF353N.** Wide bandwidth dual BiFet op-amp. JFET inputs. Fast 13V/ $\mu$ S slew rate.  $\pm$  18V supply. 8-pin DIP. 276-1715 ..... **2.39**
- TL084C.** Quad BiFet op-amp. Low noise JFET inputs. Internally compensated. 13V/ $\mu$ S slew rate.  $\pm$  18V supply. 14-pin DIP. 276-1714 ..... **3.99**
- 339.** Quad comparator. TTL/CMOS compatible. 2 to 32VDC range. 14-pin DIP. 276-1712 ..... **1.99**

## LED Bar/Dot Display Drivers



**6<sup>99</sup>**

For Power, Voltage, Audio Displays

- LM3914N.** With 10 adjustable analog steps, selectable bar or dot display mode. Expandable up to 100 steps. Current-regulated LED outputs. Wide 8 to 25VDC supply range. 18-pin DIP. 276-1707 ..... **6.99**
- LM3915N.** Above, but with 3 dB log steps. 276-1708 ..... **6.99**



# Wide Selection of Quality Solid-State Devices

## 4000 Series CMOS ICs

Low As **1<sup>19</sup>**

- 100% Prime
- Meet Full Specs



Guaranteed electrically and mechanically. From major manufacturers. Pin-out diagram and specifications included with each device. Medium-speed operation. Static protected.

Type	Cat. No.	Each
4001	276-2401	1.29
4011	276-2411	1.19
4013	276-2413	1.49
4017	276-2417	2.29
4027	276-2427	1.49
4511	276-2447	2.79
4049	276-2449	1.29
4050	276-2450	1.29
4066	276-2466	1.89

## TTL Digital ICs Low As **99<sup>c</sup>**

Widely-used standard TTL devices for any digital design. Operate from 4.75 to 5.25VDC with Guaranteed Noise Margin.

Type	Cat. No.	Each
7400	276-1801	.99
7402	276-1811	1.19
7404	276-1802	1.19
7408	276-1822	1.19
7447	276-1805	1.59
7448	276-1816	1.69
7473	276-1803	1.19
7474	276-1818	1.39
7475	276-1806	1.49
7476	276-1813	1.29
7490	276-1808	1.49
7492	276-1819	1.59
74154	276-1834	1.99
74192	276-1831	1.99
74193	276-1820	1.89

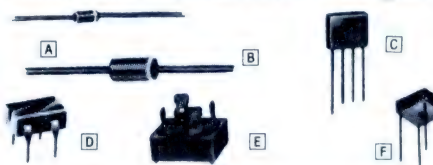
## Low-Power Schottky ICs Low As **99<sup>c</sup>**

These improved versions of standard 5-volt logic devices use Schottky diode technology to give minimum propagation delay.

Type	Cat. No.	Each
74LS00	276-1900	.99
74LS02	276-1902	.99
74LS04	276-1904	.99
74LS08	276-1908	.99
74LS32	276-1915	1.09
74LS73	276-1918	1.19
74LS74	276-1919	.99
74LS75	276-1920	1.19
74LS90	276-1923	1.39
74LS123	276-1926	1.69
74LS151	276-1929	1.29
74LS157	276-1930	1.39
74LS161	276-1931	1.79
74LS164	276-1932	1.79
74LS175	276-1934	1.59
74LS193	276-1936	1.89
74LS367	276-1835	1.79

Refer to Tandy Data Books for Detailed Device Descriptions and Data

## Rectifier Diodes and Bridges



**A. Micro-Mini 1A Diodes.** 1N4000 series. 30A surge.  
50V. 276-1101 ..... Pkg. of 2/89c  
200V. 276-1102 ..... Pkg. of 2/99c  
400V. 276-1103 ..... Pkg. of 2/1.09  
600V. 276-1104 ..... Pkg. of 2/1.19

**B. 3A, Barrel-Type Diodes.** 1N5400 series. 300A surge.  
50V. 276-1141 ..... Pkg. of 2/1.39  
200V. 276-1143 ..... Pkg. of 2/1.49  
400V. 276-1144 ..... Pkg. of 2/1.59

**Type PTC 205 2.5A, 1000V Silicon Diodes.** For high current/voltage supply. Only 0.6x.47cm.

276-1114 ..... Pkg. of 3/1.99

**C. 4A, Full-Wave Bridge Rectifiers.** Heavy-duty leads. 50V. 276-1146 ..... 1.99

100V. 276-1171 ..... 2.19

400V. 276-1173 ..... 2.49

**D. 1A, 50 PIV Full-Wave Bridge.** Rated 25A surge, Mini-DIP for PC boards or IC sockets. Two fit into 14-pin DIP socket. 276-1161 ..... 1.49

**E. 25A, Full-Wave Bridge, 50 PIV.** Ideal for heavy-duty power supplies. Metal case for maximum dissipation. 2.8 cm square. 276-1185 ..... 3.39

**F. 6A, Full-Wave Bridge.** Heavy-duty. 50 PIV. 1.4x1.4 x 0.47 cm. 276-1180 ..... 2.89

**1.4A, Full-Wave Bridge Rectifiers.** TO-5 case. 50 PIV. 276-1151 ..... 1.79

100 PIV. 276-1152 ..... 1.89

## Small-Signal Diodes

**1<sup>99</sup>** Pkg. of 10



1N914/4148 silicon switching diodes. 100% prime.

276-1122 ..... Pkg. of 10/1.99

1N34A general purpose Germanium. 60 PRV. 1.0 VF.

276-1123 ..... Pkg. of 10/1.99

## 3-Digit BCD Counter IC

**4<sup>59</sup>**



**MC14553.** CMOS chip features three decade counters, three quad latches and a built-in display multiplexer — all in a single 16-pin DIP! Can replace over 8 separate IC's in a digital display circuit. 276-2498 ..... 4.59

## RAMS Low As **4<sup>95</sup>**



- Ideal for Computer Memories
- Under 450 nS Access Time
- New for 1981 — Dynamic RAM

**2102L Static RAM.** Has 1024x1 bits of storage capability in 16-pin package. TTL & DTL compatible. Requires no clocks or refreshing. 276-2501 ..... 4.95

**2114L Static RAM.** 4096 bits, 1024x4 array. TTL compatible. Hi density. 18 pins. NMOS design. 276-2504 ..... 14.95

**Dynamic RAM MM5290-055/4116.** 16,384x1 bits in 16-pin DIP. Access time of 250 nanoseconds, 1 millisecond refresh. Requires +5, +12, -5VDC. TTL compatible. 276-2505 ..... 16.95

## Phase-Locked Loops

Low As

**2<sup>99</sup>**



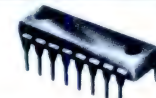
**LM-566.** Function generator PLL. VCO features input for FM modulation. Max. frequency 1 MHz 5-24VDC. 14-pin DIP. 276-1724 ..... 3.39

**LM-567.** For tone and ultrasonic decoding. 0.01 Hz to 500 kHz. 4.75-9VDC. 8-pin DIP. 276-1721 ..... 2.99

## IC Timers

Low As

**1<sup>49</sup>**



Resettable time from 1  $\mu$ S to 1 hour. Output can source or sink 200mA. 4.5 to 16VDC. 8-pin mini-DIP.

**Type 555.** 276-1723 ..... 1.49

**Type 556.** Dual Timer. Two 555's in a single 14-pin DIP.

276-1728 ..... 1.99

**Type 558.** Quad Timer. Four 555's in a single 16-pin DIP.

276-1742 ..... 3.49

## Oscillator/Divider IC

Generates Accurate 60 Hz Reference

**3<sup>99</sup>**



**A** CMOS IC with 17 binary divider stages produces a highly stable 60 Hz square wave. Uses a TV 3.58 MHz crystal reference. Very low power operation over wide 3-15VDC range. 8-pin DIP. 276-1769 ..... 3.99

**B** 3.58 MHz TV Color Burst Crystal. 272-1310 ..... 2.99

## 3 Hall Effect Detectors

**2<sup>99</sup>** Pkg. of 3



Solid state devices detect magnetic field electronically. Operates from 5-16 volt supply. 750 gauss "on" threshold. Similar to type 3006ULN. 276-1646 ..... 3/ 2.99

## Ribbon Cable & Connectors



NEW FOR 81

Ideal for experimenters — ribbon cable and connectors make interconnection of digital or analog systems safe, fast and easy!

**A. 20-Pin Header with Ejectors.** solder mount to PC board with .100x.100 grid hole centres (micro-perf board). Polarized to ensure proper hookup. 276-1556 ..... 3.99

**B. 20-Pin Cable Connector.** Reusable insulation-displacement type. Use with header (above) on ends of cable or along length to form "daisy chain" hookups. 276-1557 ..... 5.49

**C. 40-Pin Card Edge Connector.** Insulation displacement type. Mount on ends of cable or along length. Compatible with many microcomputers. 276-1558 ..... 7.95

**D. 20-Conductor Ribbon Cable.** 1.5m. 278-770 ..... 4.95

**40-Conductor Ribbon Cable.** 1.5m. 278-771 ..... 7.95

## DBM 25 Connector

**6<sup>99</sup>**

NEW FOR 81



Insulation-displacement type. Mounts on ends or anywhere along multiconductor cable, for easy hookup to standard RS-232 bus. Handy for connecting accessories to computers. 276-1559 ..... 6.99



# Wire Wrapping Tools, PC Boards, and DIP Sockets



Quick-Wrap Tool

NEW FOR '81

16<sup>95</sup>

- Dispenses and Strips Wire While Wrapping
- Quicker, More Reliable Connections Than Soldering

Quick, efficient way to make connections! Save time — dispenses and strips wire while you wrap. Makes circuit prototyping a pleasure, not a chore. Cuts, strips and wraps 30-gauge Kynar® wire on .025" square posts. Use for point-to-point or "daisy-chain" wiring. Includes holder for wrapping wire (wire listed below).

276-1572 ..... 16.95

## DIP Perforated Boards



Make your projects neat and professional-looking with these handy boards. Copper-clad holes for easy mounting of components. Alpha-numeric grid provides easy reference for locating components.

A. Double Size. 1500 holes. 276-9000 ..... 2.99

B. Single Size. 750 holes. 276-9001 ..... 1.59

C. IC Socket Adapter. Printed Circuit Board takes one or two DIL IC's up to 20 pin. Extends leads for easy soldering and breadboard work. 276-9002 ..... 1.99

## Low-Priced Wire-Wrapping Tool



7<sup>95</sup>

- Hardened Steel Bit
- Handy Wire Stripper

Balanced 11 cm all-metal precision tool makes connections faster and more reliable than soldering. Strips, wraps and unwraps 30-gauge wire. Wire stripper stores inside handle. No special skills required.

276-1570A ..... 7.95

## Wire Dispenser & Cutter/Stripper



NEW FOR '81

3<sup>99</sup>

Wire Not Included

A "must" companion for your wrapping tool. Recessed stripper removes 2.5cm of insulation from 30-ga Kynar® wire, plunger cuts to length. High-impact see-through case.

276-1569 ..... 3.99

## Wrapping Wire



2<sup>99</sup>

Use with any wire wrapping tool to make quick, reliable connections.

15m Red Wire. 30-Gauge Kynar 278-501 ..... 2.99

15m White Wire. 30-Gauge Kynar 278-502 ..... 2.99

15m Blue Wire. 30 Gauge Kynar 278-503 ..... 2.99

## Wire Wrapping DIP Sockets

Low As

1<sup>99</sup>

Pkg of 2



Popular DIP Sockets for 3 levels of wrap. .025" square posts.

14-Pin Wrapping Sockets.

276-1993 ..... Pkg. of 2/1.99

16-Pin Wrapping Sockets.

276-1994 ..... Pkg. of 2/2.19

## PC Board and IC Breadboard Sockets



A

Low As

5<sup>95</sup>

Non-Corrosive Contacts for Reliable Connections

D

A. Experimenter's PC Board. Holes match Archer breadboard sockets. Create permanent circuits by designing circuits on a socket, then transferring to PC board 0.3" centre with 550 connecting points. 276-170 ..... 5.95

B. Modular Breadboard Socket. Standard 0.3" centre for use with DIP IC's or large IC's up to 40 pins. Boards snap together horizontally or vertically and accept #22 through 30 solid hookup wire. 2 bus strips, X and Y, with 40 tie-points each and 47 rows of 5 connected tie-points. A through J for up to 550 connections. 5.3x15 cm. overall. 276-174 ..... 16.95

C. Smaller version of above. Has 270 connections in 2 bus strips of 20 tie-points each with 23 rows of 5 connected tie-points. 5.3x9.2cm. 276-175 ..... 9.95

D. Mini-socket. 22 rows of 5 tie-points each plus 2 bus strips with 10 connections each. Interlocks with above. 5.3x4.7 cm. 276-176 ..... 6.95

## PC Board and Adapter for 14 & 16-Pin ICs

A

3<sup>19</sup>

Experimenter's PC Board

IC Socket Adapter

1<sup>69</sup>

A. Mounts two 14 or 16-pin IC's or sockets. Copper-clad board allows solder-mounting of other components. 6.3x13x2.7 cm. 276-151 ..... 3.19

B. Mounts single 14 or 16-pin IC or socket. Extends leads for easy soldering and breadboard work. 276-024 ..... 1.69



DIP Header

1<sup>79</sup>

DIP header mounts resistors, capacitors, etc. for use with 16-pin DIP sockets. 276-1980 ..... 1.79



16-Pin Jumper Cable

6<sup>99</sup>

Two 16-pin DIP plugs connected by 46 cm colour-indexed ribbon cable. Makes interconnection of digital projects easy. 276-1976 ..... 6.99

## Low-Profile DIP Sockets

Solder-Mounted Sockets with Low-Resistance Contacts

Low As

69<sup>c</sup>



Type	Cat. No.	Price
8-Pin	276-1995	2/79c
14-Pin	276-1999	2/1.19
16-Pin	276-1998	2/1.19
18-Pin	276-1992	69c
20-Pin	276-1991	79c
24-Pin	276-1989	99c
28-Pin	276-1997	1.19
40-Pin	276-1996	1.29

## IC Inserter/Extractor Set

8<sup>95</sup>

Insertion Tool Includes Pin Straightener Built Into Handle



NEW FOR '81

Handy insertion and extraction tools are ideal for hobbyists and engineers. Built-in pin straightener — simply insert IC and rock it on straightening saddle, pushing down on the tool. Automatically ejects straightened IC, ready for installation in board or socket. Extractor handles all LSI, MSI and DIP devices of 8 to 24 pins.

276-1574 ..... 8.95



# Buzzers, Boxes & Boards for Builders at Low Prices



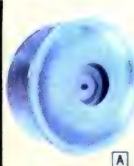
## Enclosed 10cm AC Fan

NEW FOR '81

**21<sup>95</sup>**

**Compact, Efficient, Quiet**

Equipment that runs cooler lasts longer! Delivers up to 70 CFM and is ideal for cooling power supplies, amateur radio equipment, computers. Diecast venturi. Sealed bearings never need lubrication. For 240VAC, 50 Hz. 12x12x6 cm overall. 273-241 ..... **21.95**



## Buzzers!

Low As  
**1<sup>39</sup>**

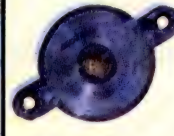


**A. 9V Buzzer.** Super loud, low current drain — ideal for battery-powered security or warning circuits. 5.0x2.5 cm round metal case. 273-052 ..... **2.39**  
**6V Buzzer.** 273-049 ..... **2.39**  
**12V Buzzer.** 273-051 ..... **2.39**  
**B. 1.5 to 3V Buzzer.** 3.8x1.9cm. With 10 cm leads and mounting bracket. 273-004 ..... **1.39**

## Reliable Piezo Buzzer

NEW FOR '81

**3<sup>69</sup>**



• **Penetrating Electronic Tone**  
• **Low Current Drain**

**Piezo Buzzer.** Loud 4.8 kHz signal. Requires 1.5 to 20 VDC. Just 12 mA at 9VDC. 3.4x0.95 cm. Colour-coded leads. 273-060 ..... **3.69**  
**Piezo Element.** (Not Shown). Small, yet delivers up to 90 dB! Resonant at 6.5 kHz. Requires external driver circuit. Data included. 0.47x2.3 cm. dia. 2.8 cm mtg. centres. 273-064 ..... **2.69**

## Hobby Motors

NEW FOR '81



Low As  
**1<sup>49</sup>**



**Pkg. of 2**  
**Perfect for Models!**

Leads for easy hookup. Get creative!  
**A. 1.5 VDC.** 273-218 ..... **Pkg. of 3/1.99**  
**B. 1-6VDC.** 273-206 ..... **Pkg. of 2/1.49**

## Mini 12V Buzzer

**1<sup>69</sup>**

Small enough to hide, loud enough to get attention! 2.8cm mtg. ctrs. 273-055 ..... **1.69**

## LED Display and Clock Cases



**5<sup>95</sup>**



**8<sup>95</sup>**

**A. Mounts up to four 0.6", eight 0.3" LEDs.** Red lens. 4.6x9.8x11 cm. Removable bracket. For opto projects. 270-285 ..... **5.95**

**B. For MA-1003 auto clock** (see P. 100) or other digital display. 270-303 ..... **8.95**

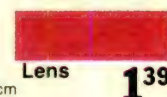
## Custom Lens & Bezel

**Bezel and Lens.** High-contrast 2.5x9.0 cm lens for displays. With hardware. 270-301 ..... **5.95**



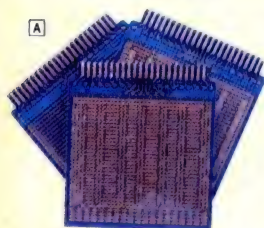
**Bezel & Lens** **5<sup>95</sup>**

**Lens.** Red plastic. Ideal for LEDs. 5.0x15x0.31 cm. 270-299 ..... **1.39**



**Lens** **1<sup>39</sup>**

## Plug-In PC Boards and Connectors



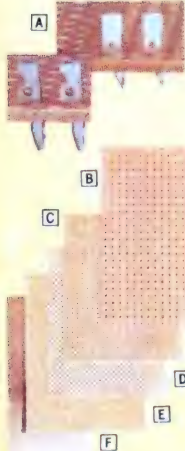
**A. PC Boards.** All are 11x10 cm with 1/16" grids, and fit 22-pin dual edge connectors. See table below.

B

**B. 22-Pin Dual Edge-Card Socket.** For wire wrapping. 276-1550 ..... **4.99**  
**22-Pin Dual Edge-Card Socket.** Solder lugs. 276-1551 ..... **3.99**

Application	Material	Cat. No.	Each
Multipurpose	Standard	276-152	5.99
Multipurpose	Epoxy Glass	276-155	8.99
2-Voltage Source (Digital)	Standard	276-154	5.99
2-Voltage Source (Digital)	Epoxy Glass	276-156	8.99
3-Voltage Source (OP-Amp)	Standard	276-153	5.99
3-Voltage Source (OP-Amp)	Epoxy Glass	276-157	8.99

## Archer® PC Boards and Terminals



**A. Push-in Terminals.** Ideal for breadboarding 0.062" dia. 270-1394 ..... **Pkg. 100/2.95**  
**For Micro-Circuit Boards.** 0.042" diameter. 270-1392 ..... **Pkg. of 100/2.95**

Cat. No.	Fig.	Grid Hole Centers	Hole Size	Board Size	Each
276-1582	B	265x 265	3/32"	9.2x17cm	1.69
276-1390	C	187x 187	1/16"	11x14cm	1.79
276-1392	D	100x 200	1/16"	11x14cm	1.79

### E Integrated Circuit Perfboards

For wire wrapping or soldering. Grid hole centres: .100x.100". Hole size: 3/64".

Cat. No.	Board Size	Each
276-1394	11x15 cm	2.29
276-1395	6.9x15 cm	1.89
276-1396	15x20 cm	3.19

### F Single-Sided Copper-Clad Boards

Cat. No.	Size	Each
276-1586	7.6x15 cm	2.39
276-1587	15x20 cm	3.19

## Metal Cabinets

**Rubber Feet**

Low As  
**3<sup>29</sup>**



Wrinkle-finish 18-gauge steel top, 20-gauge aluminium chassis. 8.2x5.3x10 cm. 270-251 ..... **3.29**  
10x6.0x15cm 270-252 ..... **4.29** 13x7.6x15cm. 270-253 ..... **5.29**

## Heavy-Duty Cabinets

Low As

**14<sup>95</sup>**



Louvered top, handles and rubber feet. 13x24x17cm. 270-270 ..... **16.95**



Vent louvers, black finish top. 8.8x20x14 cm. 270-269 ..... **14.95**

## Chassis Boxes

Low As  
**2<sup>69</sup>**

**Hardware Included**



Size	Cat. No.	Each
6.9x5.3x4.1 cm	270-235	2.69
10x5.3x4.1 cm	270-239	2.89
10x5.7x5.7 cm	270-236	3.29
13x7.6x5.3 cm	270-238	3.69

**Easy-to-Work Aluminum**

## Experimenter Boxes

**Aluminum Covers**

Low As  
**1<sup>99</sup>**



Size	Cat. No.	Each
8.2x5.3x2.8 cm	270-230	1.99
10x5.7x5.7 cm	270-231	2.19
13x6.6x4.1 cm	270-233	2.39
16x9.5x5.0 cm	270-627	2.79
20x11x6.0 cm	270-232	3.69

## Slope-Front Metal Cabinet

**9<sup>95</sup>**

• **Non-Slip Rubber Feet**  
• **"Hammer-tone" Finish**



Ideal for test equipment, audio mixers, control panels. 20x15x3.4 cm (front), 6.9cm (rear). 270-265 ..... **9.95**

## Custom Printed Circuit Board Kit



Two 11x7.6cm boards, resist-ink solvent, etchant, resist-ink pen, layout circles, strips, special 1/16" drill bit, tank, instructions. 276-1576 ..... **12.95**  
**Extra Pen.** 276-1530 ..... **1.79**  
**Extra Etching Solution** 473cc. 276-1535 ..... **3.99**

## Project Cases



Low As  
**1<sup>99</sup>**

High-impact plastic, with internal slots to hold PC boards.  
10x5.0x2.0cm. 270-220 ..... **1.99**  
10x6.1x2.6 cm. 270-221 ..... **2.29**  
12x6.3x5.1 cm. 270-222 ..... **2.59**  
15x8.0x4.6 cm. 270-223 ..... **3.19**  
19x11x5.5 cm. 270-224 ..... **3.99**



# Tandy — Where Smart Builders Save on Parts

## Multipurpose Amplifier With Built-In Speaker

16<sup>95</sup>



High-Gain IC Amp, 200-mW Output

This compact amplifier/speaker is just right for use with a telephone pickup, microphone or even electric guitar. Use it as an intercom, the audio stage of a receiver project, or add a probe and it becomes a pocket-sized signal tracer. Has volume control with on/off switch, 1/8" phone jacks for input and external speaker or earphone. 100-10,000 Hz response, 1 mV input sensitivity. 6.3x9.8x4.4 cm. Requires 9V battery.

277-1008 ..... 16.95

## LED VU Meter Module



NEW  
FOR '91

12<sup>95</sup>

- Update Your Present Audio System
- Fully Electronic for Fast Response

Replacement for conventional dial and pointer VU meters. Ten-element red LED display has moving-point or bar option. Includes application notes. Requires 12VDC. 5.0x2.2x0.55 cm. 277-1009 ..... 12.95

## Microphone Elements

Low  
As

1<sup>69</sup>



For Projects or Replacement Use

Unidirectional Electret. Response: 100-15,000 Hz. Requires 2-10 VDC 0.99cm dia. 3.8cm long. 15 cm leads.

270-091 ..... 3.99

Omnidirectional Electret. (Not shown) 30-15,000 Hz. 4-10 VDC. 1.1cm x 0.95 cm dia.

270-092 ..... 2.99

Crystal (Not shown) 50-8000 Hz. Hi-Z.

270-095 ..... 1.69

## Micronta® Precision Panel Meters



10<sup>95</sup>  
Each

0-50  $\mu$ A DC  
0-1 mA DC

These analog meters allow you to monitor changing circuit conditions. Easy-to-see faces and D'Arsonval movements. Accuracy:  $\pm 5\%$  full scale. 6.9x5.7x3.1 cm. Require 4.7 cm round mounting hole.

0-50  $\mu$ A DC. 270-1751 ..... 10.95

0-1 mA DC. 270-1752 ..... 10.95

## Project Case With Panel

Hinged Snap-  
Lock Cover

3<sup>99</sup>



Easy-to-work reversible inner panel accepts a meter, readouts or switches. 14x8.5x5.0 cm. 270-290 ..... 3.99

## Etched and Drilled PC Boards Make Projects Fun and Easy to Build!



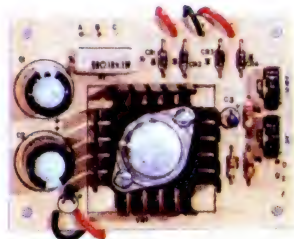
Low  
As

3<sup>99</sup>

## Project-Boards

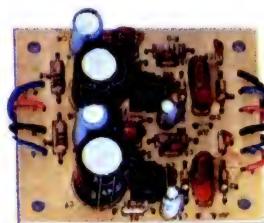
There's Nothing Like the Personal Satisfaction of Building it Yourself!

Why "re-invent the wheel?" With Archer® Project-Boards, the engineering "know-how" is built in! Each package includes a PC board with labelled holes for easy assembly, illustrated manual, panel trim and a parts list. Check the list and buy the parts you need — available at most Tandy stores. Since Project-Boards allow you to use parts you may already have, your savings can be substantial. Build Project Boards into recommended cabinets — or use them as sub-assemblies in larger projects. Either way, Project-Boards are the FUN way to build with ICs — they're designed that way by us, for you!



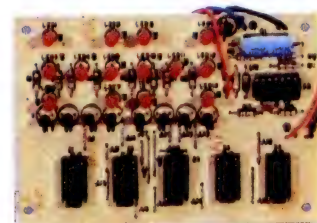
**Regulated Power Supply.** Wire it for 13.8 or 5 VDC up to 1 A. Uses LM-317 IC with current limiting, thermal protection. For 240 VAC.

277-125 ..... 12.95



**Stereo Headphone Amplifier.** Flat 30-25,000 Hz response, or wire it for guitar use! Powers down when phones are unplugged. 6 VDC.

277-128 ..... 9.95



**Digital Dice.** Modernize any game of chance with LED "snake eyes". Uses CMOS IC for random read-out. Auto shut off. 9 VDC.

277-131 ..... 12.95



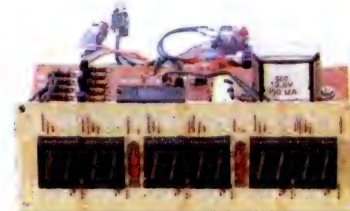
**Single-Digit Counter.** Building block for counters. Output for cascading more digits, provision for 0.3" LED display. 5 VDC.

277-103 ..... 3.99



**Logarithmic LED VU/Power Meter.** 8 LEDs, fast response to peak levels. Can be calibrated for use as audio power meter. 5-15 VDC.

277-116 ..... 4.99



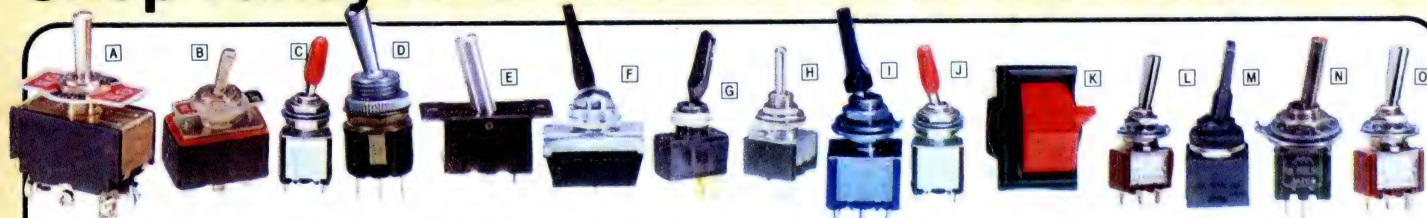
**Universal Display Board.** Accepts up to six 0.6" or ten 0.3" LED readouts (not incl). For direct drive or multiplex circuits.

277-108 ..... 6.99

Project-Boards Shown Built with Recommended Parts



# Shop Tandy for a Wide Assortment of Switches



**A. Heavy-Duty DPDT Centre-Off.** On/Off plate, screw terms. Rated 5A, 250 VAC. 1.9x3.4x3.4 cm. 275-1533 ..... 2.19

**B. Standard.** Rated 1.5A 250 VAC. Requires 1.1 cm mtg. holes. SPST. 275-602 ..... 1.29 DPDT. 275-666 ..... 1.59 Switch Set. Set of 3. 275-322 ..... 2.79

**C. Subminiature.** 1A, 250 VAC. Solder lugs. 4 coloured insulators for 0.95 cm handle. 0.95x0.63x0.95 cm. SPST. 275-612 ..... 1.99 SPDT. 275-613 ..... 2.19 DPDT. 275-614 ..... 2.49 DPDT. Centre-Off. 275-620 ..... 2.69

**D. Mini SPDT.** 2.5A, 250 VAC. 1.5 cm handle, 1.5x0.95 cm. body. Lug terms. 275-603 ..... 1.79

**E. 1.9 cm Brushed Aluminium Baton.** Flush mtg. 1.5 amp, 250 VAC. Lug terms. 2.3x1.5x1.4 cm. SPST. 275-630 ..... 1.99 DPDT. 5 amps. 275-607 ..... 2.29

**F. Heavy Duty.** 6A. 2.5x0.95 cm lever. 250 VAC. Bushing, 1.2x0.95 cm. Body, 2.3x1.5x1.5 cm. SPST. 275-651 ..... 2.79 SPDT. 275-654 ..... 2.99 DPDT. 275-652 ..... 3.29 DPDT. Red lever, Neutral centre. 275-653 ..... 3.39

**G. Heavy-Duty Switch.** 5A, 12VDC. 275-701 ..... 1.49

**H. Right-Angle PC Board Mounting.** 3A, 250 VAC. DPDT. Centre "off". 275-665 ..... 2.29

**I. Miniature.** Black handles. 3A, 250 VAC. SPDT. 275-662 ..... 2.99 DPDT. 275-663 ..... 3.39 DPDT. Centre-Off. 275-664 ..... 3.59

**J. Subminiature.** 3A, 250 VAC. Bat handles with 4 coloured slip-on covers. Lug terminals. 1.2x1.1x1.2 cm. SPST. 275-324 ..... 2.29 SPDT. 275-325 ..... 2.49 SPDT. Neutral centre. 275-325 ..... 2.69 DPDT. 275-1546 ..... 2.99 DPDT. Neutral centre. 275-1545 ..... 3.29

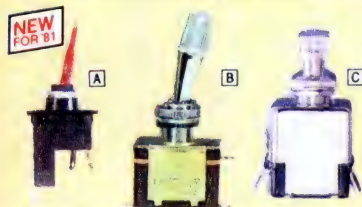
**K. Paddle Switches.** 3A at 250 VAC. Mount in 1.9 cm hole. 3.0x1.9x3.4 cm. SPST. 275-641 ..... 2.29 DPDT. 275-643 ..... 2.79

**L. SPDT Momentary.** Spring return to one position. 3A, 250 VAC. 275-619 ..... 2.19

**M. Compact Lever Switches.** 3.5A at 250 VAC. SPST. 275-257 ..... 2.99 DPDT. 275-259 ..... 3.59

**N. Micromini.** Rated 1.5A, 250 VAC. Body measures 0.63x0.79x0.47 cm. SPST. 275-624 ..... 1.89 DPDT. 275-625 ..... 1.99 DPDT. 275-626 ..... 2.29

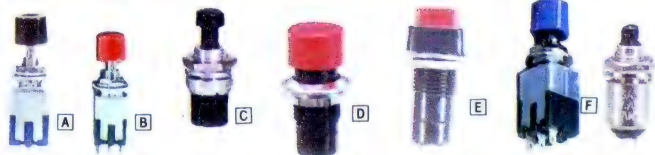
**O. Flatted Lever Switches.** 3A, 250 VAC. 0.95x1.1x0.63 cm. SPDT. 275-635 ..... 2.89 DPDT. 275-636 ..... 3.29



**A. Illuminated Toggles Switch.** Handle lights up in "on" position. Rated 3A, 12VDC. 3.4x3.1x1.5 cm. Requires 1.1 cm mtg. hole. 275-706 ..... 2.29

**B. SPST. Illuminated Toggle Switch.** End of 3.1 cm handle glows in "on" position. Rated 5A, 250 VAC. only. 1.5x2.6x1.9 cm; bushing, 1.2x1.1 cm. Solder lug terminals. 275-670 ..... 4.39

**C. SPST Illuminated Pushbutton Switch.** Push-on, push-off operation. Button lights in "on" position. 6A, 250 VAC. only. 3.1x1.2x4.7 cm; bushing 0.95 cmx1.1 cm. Solder lug terminals. 275-671 ..... 4.39



**A. Miniature SPST Push-On/Push-Off.** Contacts rated 3 amps at 250 VAC. Requires 0.55 cm mounting hole. Solder lug terminals. Screw-on button. 1.2x0.95x1.5 cm. 275-1551 ..... 3.29

**B. Subminiature Push-On/Push-Off.** Contacts rated 1 amp at 250 VAC. Body measures 0.63x1.1x1.7 cm and button is 0.95 cm diameter. Solder lug terminals. 275-1553 ..... 2.59

**C. SPST Miniature.** Momentary contact type. 0.95 cm dia. button, bakelite body. Rated 0.25A at 250 VAC. Mount in 0.63 cm holes. Solder lug terms. Sets of 5. Normally Open. 275-1547 ..... Pkg. 5/2.79 Normally Closed. 275-1548 ..... Pkg. 5/2.99

**D. Standard SPST.** Rated 3A at 250 VAC. Fits 1.2cm mtg. hole. Solder lugs. Push-On/Push-Off. 275-011 ..... 1.79 Momentary. Normally open. One black and one red. 275-609 ..... Pkg. 2/2.19

## Pushbutton Switches

For Every Application

Low As  
**1.79**

**E. Square SPST.** 3A at 250 VAC. Requires 1.2 cm mtg. hole. Lug terms. Push-On/Push-Off. Red. 275-617 ..... 1.89 Momentary. Norm. open. Black. 275-618 ..... 1.79

**F. Miniature SPDT. Momentary Contact.** 3A, 250 VAC. Norm. open. Lug terms. 275-1549 ..... 2.59

**G. Submini Push Switches.** 1 red, 1 black. SPST momentary contacts rated 0.25A, 250 VAC. Normally open. 275-1571 ..... Pkg. 2/1.99



## Lever Switches

**Subminiature Lever Switch.** Operating force, 45 grams. Contacts rated 5 amps at 250 VAC. Lever length 1.9cm. Solder lugs. 1.9x0.63x0.95 cm. 275-016 ..... 1.69

**Subminiature with Roller Lever.** Operating force, 50 grams. Contacts rated 5A at 250 VAC. Lever/roller length, 1.9cm. Solder lugs. 1.9x0.63x0.95 cm. 275-017 ..... 1.79



## Slide Switches

**Heavy-Duty.** Rated 3 amps at 125 VAC. 6 lug terminals. 2.5x3.4x1.5 cm. SPST. 275-401 Pkg. 2/1.29 DPDT. 275-403 ..... Pkg. 2/1.39

**Switch Kit.** Consists of 1 SPDT, 1 DPDT, 3 SPST, 1 DPST. Rated 0.5 amp at 125 VAC. 1.2x2.2x3.1 cm. 275-327 ..... 2.29



**Subminiature.** Rated 0.3 amps at 125 VAC. 1.5x0.63x0.63 cm. SPST. 275-406 ..... Pkg. 2/89c DPDT. 275-407 ..... Pkg. 2/99c

## Rotary Switches

**4-Pole, 2-Position.** Single deck, non-shorting type. Contacts rated 0.3 amps at 125 VAC. 5.9cm shaft. 1/4" diameter. 275-1384 ..... 1.49

**2-Pole, 6-Position.** Single deck type. Non-shorting. Shaft, 1/4" dia. 275-1386 ..... 1.49

**Single-Pole, 12 Position.** Shorting. 3.4cm shaft with 1/4" diameter. 275-1385 ..... 1.49

## Knife Switch

**DPDT.** Spring plated contacts. Screw terminals, bakelite handles. Contacts rated 0.5 amps at 250 VAC. 4.1x6.0x1.9 cm. 275-1537 ..... 1.29

## DIP Switches



Miniature SPST switches for digital or low current switching. Standard .100x.300" DIP centres. Ideal for socket or PC board mounting.

**A. 8-Position DIP Switch.** Fits 16-pin socket. 275-1301 ..... 2.99

**B. 4-Position DIP Switch.** Fits 8 pin socket. 275-1304 ..... 2.49

## Mercury Tilt Switch

**1.49**

Sub-mini position detecting switch ideal for use in projects. Rated 100mA @ 24VDC. 275-025 ..... 1.49



**Audio Switch Bracket.** Double switch panel for underdash mtg. with hardware. Two 1.1 cm openings. 3.8x7.3x1.5 cm overall. 275-705 ..... 79c

**On/Off Switch Plates.** For all toggle switches with bushing diameters of 1.1 cm, Key-tab in ID. 275-320 ..... Pkg. 6/79c



# Top Quality Lamps, Lamp Assemblies and Relays

## Incandescent Lamps



Tandy offers a large variety of incandescent lamps to fill most replacement and project needs!

Volts	mA	Type	Base Style	Cat No	Pkg of	Price
1.5	25	222*	Leads	272-1139	1	89c
2.25	250	PR-4	Threaded	272-1124	2	79c
2.33	270	PR-2	Flange	272-1122	2	79c
2.38	500	PR-2	Flange	272-1120	2	79c
2.47	300	14	Threaded	272-1132	2	89c
3.57	500	PR-3	Flange	272-1121	2	79c
4.8	500	PR-15	Flange	272-1125	2	79c
5.95	500	PR-12	Flange	272-1123	2	79c
6.0	25		Leads	272-1140	1	89c
6.0	60		Leads (Red)	272-1144	6	1.09
6.0	100	T-1 3/4	Threaded	272-1142	2	99c
6.3	250	44	Bayonet	272-1108	2	79c
6.3	150	47	Bayonet	272-1110	2	79c
6.3	150	1847	Bayonet	272-1115	2	89c
6.3	150	40	Threaded	272-1128	2	89c
6.3	250	46	Threaded	272-1130	2	89c
7.5	220	51	Bayonet	272-1113	2	79c
7.5	220	50	Threaded	272-1133	2	99c
12.0	15CP	93†	Bayonet	272-1116	1	1.09
12.0	75	T-1 3/4	Threaded	272-1143	2	99c
12.0	25		Leads	272-1141	1	89c
14.0	230	1891	Bayonet	272-1112	2	79c
14.0	200	1815	Bayonet	272-1118	2	79c
14.0	200	1487	Threaded	272-1134	2	89c
14.4	120	53	Bayonet	272-1117	2	79c
28.0	40	1819	Bayonet	272-1119	2	79c

\*Pre-Focus Penlight Type. †"Hi-Intensity."



## Neon Glow Lamps

Long-life neon lamps operate from 70 volts and up.

Type	Watts	Cat. No.	Pkg of	Price
NE-2	1/25	272-1101	2	59c
NE-2H*	1/4	272-1102	2	69c

\*High brightness.

## Panel Lamps and Assemblies



**A. Sealed Panel Lamps.** 1 red, 1 green. With connecting leads, mounting clips. 2.2cm long, mount in 0.95cm holes. For 12VDC, 50 mA. 272-322 ..... Pkg. 2/1.99

**B. Conical Lamp Assemblies.** Includes 1 red, 1 blue. Requires T-1 3/4 sub-miniature bulbs. 3.4cm long, mount in 1.2cm holes. 272-323 ..... Pkg. 2/1.99

**C. "Mini" Panel Lamp Assemblies.** Each set includes an assembly, 1 red and 1 green lens. Requires miniature base lamps. Length, 3.0cm. 1.5 cm mounting holes. 272-324 ..... Pkg. 2/2.39

**For Screw-Base Lamps.**

272-324 ..... Pkg. 2/2.39

**For Bayonet-Base Lamps**

272-325 ..... Pkg. 2/2.39

Like 272-324, two assemblies, .95x2.6 cm.

272-326 ..... Pkg. 2/2.39

**D. Rectangular "Mini" Lamp Holders.**

Two assemblies. One each, red and green rectangular lenses. 2.5cm long. Requires threaded lamps. 1.1cm mounting hole. 272-327 ..... Pkg. 2/2.39

**E. Neon Pilot Lamp Assemblies.** Set of 2 — 1 red, 1 yellow. With internal dropping resistors. Fully enclosed. 0.95x2.8cm. Require 0.79cm mounting holes. For 240 VAC. 272-703 ..... Pkg. 2/2.59

**F. Neon Panel Lamp Assemblies.** Set of 2 — 1 red, 1 yellow. Built-in resistors. Fully enclosed. Require 1.1 cm mtg. holes. For 240 VAC.

Square Lens. 272-704 ..... Pkg. 2/1.99  
Circular Lens. 272-705 ..... Pkg. 2/1.99

**G. Red Neon Lamp.** Requires .79cm mounting hole. Size, 3.4x0.71cm. Leads and mounting clip included. For 240 VAC. 272-1501 ..... 1.59

**H. 12V Lamp Assemblies.** 1 red, 1 green. Snap-in mounting tabs for 1.2cm dia hole. Long 10 cm leads. Bulbs included. 272-332 ..... Pkg. 2/2.29

**I. Square Lens Lamp Assembly.** Designed for maximum visibility. Std. bayonet socket with one red, one orange lens. Requires bayonet base lamps. 1.7cm mtg. hole. 272-333 ..... 2.19

**J. High Brightness Neon Panel Lamp.** Bright red rectangular lamp includes dropping resistor for 240 VAC. Requires 1.4 cm diameter mtg. 272-706 ..... 2.59

## Archer Relays for Experimenters and Hobbyists



### 12VDC Miniature DPDT Relay

**5<sup>99</sup>**

- See-Through Cover
- Hold-Down Clips

Includes socket for chassis or printed circuit mounting. Contacts rated 3A at 125 VAC. 250 ohms coil resistance. 50 mA. 3.1x2.5x1.9cm. 275-206 ..... 5.99

### 12VDC 4PDT Relay

**6<sup>99</sup>**

Long-Life Contacts

Lets you switch up to four different circuits! Contacts rated 3 amps at 125 VAC. Coil resistance, 160 ohms; 75 mA. Just 3.4x2.8x2.0 cm. Terminals for use with PC board or socket. With clear protective cover. 275-214 ..... 6.99

3-Amp Socket for above. 275-221 ..... 1.99

### Miniature SPDT Relays

**2<sup>99</sup>** High-Sensitivity  
Each Coil Wire Leads

Ideal for transistor circuits with a low-current drain. Contacts rated 1 amp at 125 VAC. 6-9VDC—coil resistance; 500 ohms; current, 12 mA. 12VDC—coil resistance, 1200 ohms, 10 mA.

6-9VDC. 275-004 ..... 2.99  
12VDC. 275-003 ..... 2.99

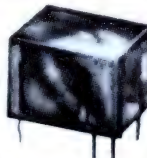
### Submini SPDT DIP Relay

NEW FOR '81

**4<sup>99</sup>** 5VDC  
Coil

Only 0.95x1.5x1.1 cm. Designed for printed circuit boards and DIP sockets with 0.25x0.76cm centres.

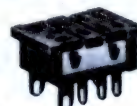
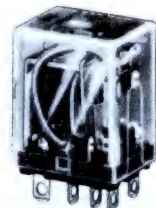
Contacts rated 1 amp at 125 VAC. Coil resistance, 56 ohms. 275-216 ..... 4.99 "Actual Size"



### Heavy-Duty DPDT Relays

Low As **7<sup>99</sup>** Each

See-thru cases. Contacts: 7A, 250 VAC. Lugs for plug-in use or soldering. 4.1x2.5x1.9 cm. 240 VAC, 5000-Ohm Coil. 275-9217 ..... 9.95  
12VDC, 160 Ohm Coil 275-218 ..... 7.99  
10-Amp Socket for above. 275-220 ..... 1.99



### 5VDC DPDT DIP Relay

**5<sup>99</sup>** Fits 16-Pin IC Socket with 0.25x0.76 cm Centres

Subminiature relay for use with TTL or CMOS circuitry. Designed to fit standard IC socket or for PC board mounting. Contacts rated 1A at 125 VAC. Coil resistance, 50 ohms. 275-215 ..... 5.99

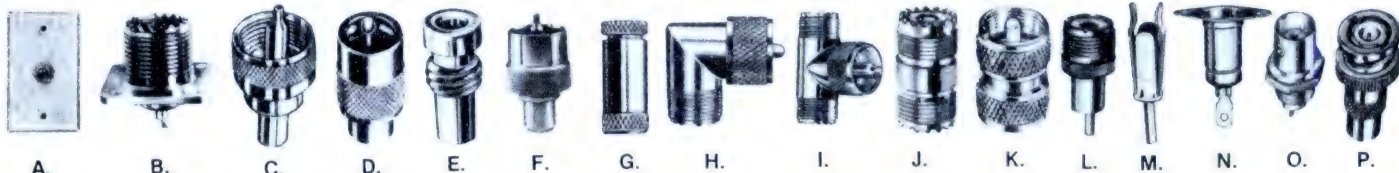


Over 200 Tandy Stores and Dealers Nationwide — We're Near You



# Coaxial Cable, Connectors and Antenna Accessories

## A Connector or Adapter for Every Purpose



**A. Wall Plate.** Terminates CB or Amateur radio connections. Uses PL-258 adapter and accepts plug on each side. 278-194 ..... 3.75  
**B. SO-239 Chassis Mount.** UHF type, plated finish. 278-201 ..... 1.49  
**C. Solderless PL-259 Plug.** Allows quick, easy hookup without soldering coax to connectors. For RG59/U or RG58/U cable. 278-196 ..... Pkg. of 2/2.99  
**D. PL-259 Plug.** UHF type connector, screw-on lock. 278-205 ..... Pkg. of 2/2.99  
**E. UG176/U Reducer.** For RG59/U cable. 278-204 ..... Pkg. of 2/99c  
**F. UG175/U Reducer.** For RG58/U cable. 278-206 ..... Pkg. of 2/99c  
**G. Solderless Push-On PL-259 Plug.** Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59/U or RG58/U cable. 278-190 ..... 1.99  
**H. Inline Splicer for RG58/U Cable.** Join or extend coaxial cable, no special tools needed. Positive contact maintains wire impedance. 278-202 ..... 1.99  
**I. Inline Splicer.** For RG59/U cable. 278-203 ..... 1.99

**H. M-359 Right Angle Adapter.** UHF type with screw-on lock. 278-199 ..... 3.49  
**I. M-358 "T" Adapter.** UHF type screw-on lock. 278-198 ..... 3.99  
**J. PL-258 Coupler.** UHF type connections. Plated finish. 278-1369 ..... 1.99  
**K. Double PL-259 Adapter.** Perfect for CB, Ham use with inline TVI filters, SWR meters, antenna switches. Rugged construction, plated finish. 278-192 ..... 4.29  
**L. Coax Plug Adapter.** Specially designed to adapt a PL-259 UHF plug to a Motorola-type pin plug. Fits scanners and communication equipment antenna jacks. 278-208 ..... 1.99  
**M. Motorola-Type Plugs.** For car radios and most scanners. 274-711 ..... Pkg. of 2/1.19  
**N. Motorola-Type Jacks with Mounting Flange.** 274-712 ..... Pkg. of 2/1.19  
**O. BNC Connector Female Chassis Mount.** 278-9102 ..... 2.99  
**P. BNC Connector Male.** 278-9101 ..... 2.99



Low As  
**69<sup>c</sup>**  
Per Metre

## Coaxial Cable

Tough outer jacketed, low-loss polyethylene dielectric. All copper conductors made in USA by Tandy. Minimum order 10 metres.

Cat No	Price Per M	Ohms	RG Type	O D (in.)	Velocity Factor	Loss per 100'	Capacitance per foot	Center Conductor
278-1325	1.59	52	8 U	.405	66%	50 MHz 3.0 dB 100 3.5 200 5.0 400 8.0	29 pF	13 gauge 7x21
278-1326	.69	52	58 U	.196	66%	50 MHz 4.0 dB 100 5.3 200 8.0 400 12.0	28 pF	20 gauge solid
278-1327	.69	75	59 U	.245	66%	50 MHz 2.8 dB 100 5.0 200 7.6 400 10.0	22 pF	22 gauge solid

## CB/Communication 52-Ohm Coax Cable Assemblies



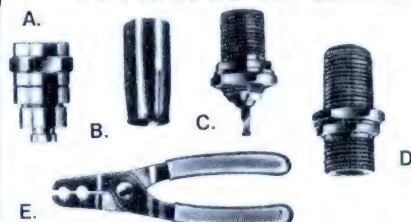
PL-259 on each end except 278-966, 975.  
**A. 6m RG58/U Cable.** 278-967 ..... 8.99  
**5m RG58/U Cable.** Handy patch cable for SWR meters, ant. switches, etc. 278-968 ..... 5.99  
**1.5m RG8/U Cable.** Heavy-duty patch cable for base stations. 278-969 ..... 6.99  
**15m RG8/U Cable.** 278-970 ..... 32.95

**15m RG58/U Cable.** 278-971 ..... 19.95

**B. 1.8m RG58/U Extension Cable.** Inline SO-239 to PL-259. Perfect for mobile use. 278-975 ..... 6.99

**C. 6.0m RG58/U Cable.** PL-259 to spade lugs. 278-966 ..... 8.99

## TV/FM Antenna Connectors



Low As  
**1<sup>29</sup>**  
Pkg. of 2

**A. TV Connectors.** Type F-59. For use with standard RG59/U coax cable in 75 ohm TV antenna systems. 278-211 ..... Pkg. 2/1.29  
**Type F-56.** For RG6/U and "Aluminax" type coax cable such as 15-1526/27. 278-214 ..... Pkg. 2/1.29  
**B. F-59 Solderless Push-On Connector.** Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59/U cable. 278-215 ..... 1.29  
**C. F-61 Connectors.** Mate with F-59 connector. 278-212 ..... Pkg. 2/1.29  
**D. F-81 Coupler.** Couples 2 coaxial assemblies which terminate in F-59 connectors. 278-213 ..... 1.29  
**E. Crimping Tool.** For easy installation of F series connectors on 75 ohm coaxial cable. Cushioned handles. 278-220 ..... 3.99

## Shortwave Antenna Accessories



Complete Kit  
**14<sup>95</sup>**

**A. Complete Antenna Kit.** Perfect for long-distance reception. All you need for outdoor hookup. Kit includes 23m copper antenna wire, 15 m lead-in wire, window feed-through insulators and complete instructions. 278-758 ..... 14.95  
**B. Heavy-Duty Antenna Wire.** For outdoor/indoor antenna hookups, grounding. Seven strands of 22-gauge bare copper for max. strength. 278-1329 ..... 20 m for 5.59  
**C. Insulators.** Egg-shape construction for maximum strength. Low-loss material. For antenna or guy wire installation. Style may vary slightly. 270-1518 ..... Pkg. 2/1.99



# Tandy Has Cable, Cord, Test Leads & Wire Ties

## Test Leads and Jumper Cables



**A. Set of 10 Colour-Coded Cables.** 35 cm long with miniature insulated alligator clips on each end. **278-1156** ..... 3.69

**A. Set of 4 Test Lead Cables.** 76 cm long. Insulated clips at both ends. Red, green, black, yellow. **278-001** ..... 3.59

**B. Set of 6 Heavy-Duty Claw-Type Jumper Cables.** 102 cm long. Insulated clips at both ends. Colour-coded. **278-002** ..... 4.99

**C. 8-Pack of 61 cm Cables.** 4 colours. **278-1157** ..... 3.89

## Replacement Cord

**1.2m Polarized Fused DC Cable.** Ideal replacement for auto stereo, CB power cables. Has inline quick-disconnect plug and inline fuse holder (less fuse). Tab fits into fuse box for easy hookup. **270-025** ..... 2.99



## Intercom Cable

**Intercom Wire.** (Not shown). 24-gauge with grey jacket. Colour-coded.

Description	Metre	Cat. No.	Each
2-Conductor Solid	23	278-559	4.29
3-Conductor Stranded	23	278-370	6.49
3-Conductor Solid	9.1	278-855	3.19

## 2-Conductor Speaker Wire

Low loss all copper construction is ideal for use with solid-state amplifiers. Moulded plastic insulation is polarity marked for easy hookup.

Description	Gauge	Metre	Cat. No.	Each
Miniature Clear	24 Solid	23	278-1509	4.99
Medium Clear	22 Stranded	30	278-1385	5.59
Standard Clear	20 Stranded	23	278-1388	6.39
Low Loss Clear	18 Stranded	9.1	278-1602	4.49
Low Loss Clear	18 Stranded	18	278-008	7.19
Standard Brown	20 Stranded	30	278-1387	6.99
Heavy-Duty Brown	16 Stranded	9.1	278-1263	4.99
Heavy-Duty Brown	16 Stranded	30	278-1384	12.95

## Zip Cord Specials

Stranded copper wire with flexible twin-conductor design. Handy for any application. Moulded plastic insulation. Colours may vary.

Description	Gauge	Metre	Cat. No.	Each
2-Conductor, Plastic	18	9.1	278-864	3.79
Miniature, Plastic	24	15	278-1301	3.79
2-Conductor, Plastic	20	9.1	278-1265	3.79
2-Conductor, Plastic	18	30	278-1264	10.99

## Shielded Cable

Low loss cable for microphones, audio cables, communication equipment. Tough grey jacket. All copper conductors.

Description	Metre	Cat. No.	Each
<b>A</b> Heavy-Duty w/braided shield	12	278-751	7.99
Single Conductor w/braided shield	6.0	278-1277	3.99
<b>B</b> Miniature w/spiral wrap shield	9.1	278-752	4.99
<b>C</b> 2-Conductor w/spiral wrap shield	15	278-1275	6.99
2-Conductor w/spiral wrap shield	6.0	278-1276	4.69

## Hook-Up Wire Packs



Choose solid or stranded wire, single colour or 3 assorted colours in a package.

### Single Colour

Type	Ga.	Mtr.	Cat. No.	Each
<b>A</b> Solid	18	18	278-1291	3.29
<b>B</b> Stranded	18	17	278-1292	3.29
Solid	20	24	278-1294	3.29
Stranded	20	23	278-1293	3.29
Solid	22	30	278-1295	3.29
Stranded	22	27	278-1296	3.29

### 3 Assorted Colours

Type	Ga.	Mtr.	Cat. No.	Each
Solid	18	18	278-1302	3.29
Stranded	18	14	278-1303	3.29
Solid	20	23	278-1305	3.29
Stranded	20	18	278-1304	3.29
Solid	22	27	278-1306	3.29
Stranded	22	23	278-1307	3.29

## Rainbow Wire Packs



**2 and 4 Conductor**

Flexible flat parallel cable, colour-coded for easy identification. PVC insulation resists temperature changes. Perfect for use with low-voltage hook-ups or intercoms. 24-gauge solid copper.

**2-Conductor, 11m**  
**278-755** ..... 3.39

**4-Conductor, 7.6m**  
**278-757** ..... 3.39

## Solid Buss Wire



**Make Ground Wiring Easy**

For Perf-Board and printed circuit projects. Makes ground and jumper wiring easy. Pretinned 24-gauge copper on handy plastic spool. 15m. **278-1341** ..... 1.99

## Heavy-Duty Wire



**Ideal for Automotive Use**

Stranded copper construction with tough outer jacket.

**14-Ga. 7.6m** **278-1290** ..... 3.99  
**12-Ga. 6.0m.** **278-1289** ..... 3.99

## Test Probe Wire



**Choice of Colours**

Flexible plastic insulation provides high breakdown for safety. Perfect for worn test lead replacement. 20-gauge stranded copper. **7.6m. Red.** **278-553** ..... 2.99  
**Black.** **278-554** ..... 2.99

## Accessories That "Wrap Up" Your Wiring Job



**A.**

**B.**

**Before**

**After**

**For Neat and Secure Cables**



**D.**



**Set of 20.** 2.5cm long. Requires 135°C for shrinking. **270-1166** ..... 1.99

**C. Strain Reliefs.** Set of 6 includes types suitable for ordinary and light duty flexible cable and figure 8 two core flat wire. **278-9636** ..... 1.69

**D. Coax Clips.** Nail to wall, keep cable in place.

**For RG58/U Cable.** **20-192** ..... 10 for 1.59

**For RG8/U Cable.** **20-193** ..... 6 for 1.59

**E. Spiral Wrap.** Neatly bundles long lengths of wire. 1.5m clear and 1.5m black. .95cm

**278-1638** ..... 2.99

There's A Tandy Store or Dealer Near You — Wherever You Are



# Make Jobs Easier With Archer® Tools and Hardware

## Archer Storage Organizer



**7<sup>95</sup>**

9 drawer cabinet, with dividers and stackable frame. Perfect for electronic parts, hardware or sewing odds and ends. 64-9701

NEW  
FOR '81

## Storage Boxes



Low As  
**1<sup>99</sup>**

Strong  
See-Thru  
Plastic

Cat. No.	Size	Sections	Each
64-552	21x12x3 8cm	6-18	3.99
64-553	11x6.6x2.5 cm	6	1.99

## 3-Way Crimping Tool



**4<sup>29</sup>**

### Crimps, Cuts, Strips

Crimps solderless terminals. "Sure Grip" insulated handle.

64-405 ..... 4.29

## Multi-Purpose Deluxe Crimper/Cutter



**9<sup>95</sup>**

Also Measures Bolt Sizes

Crimps terminals, cuts and strips wire, slices bolts. "Cushion-Grip" insulated handle. Easy-to-use.

64-2268 ..... 9.95

22 Assorted Terminals.

64-2269 ..... 2.99

## Solderless Lugs



**1<sup>99</sup>** 5 Popular Styles  
Pkg. of 100

Twenty of each style of most-popular lugs, including ring, spade, hook, tongue types.

64-406 ..... 1.99

## Squeeze-Tap Terminals



**2<sup>95</sup>**

Pkg.  
of 12

Red. For wire sizes 22-18. Two female, two male. Quick disconnects, 4 spade and 4 ring tongues. Requires only pliers.

64-3050 ..... Pkg. 12/ 2.95

Blue. For 16-14 wire. Four female, 4 male. Quick disconnect, 2 spade and 2 ring tongues.

64-3051 ..... Pkg. 12/ 2.95

## Squeeze Connectors



**2<sup>95</sup>**

Pkg. of 10

Squeeze Tap-In connectors. No stripping. For 18-14 wire.

64-3052 ..... Pkg. 10/ 2.95

Squeeze-Insulated Butt connectors. For 16-14 wire.

64-3053 ..... Pkg. 10/ 2.95

## Electronic Hardware Assortment



**2<sup>99</sup>**

For the Do-It-Yourselfer

Lots of valuable items often needed by every hobbyist or experimenter.

64-2890 ..... 2.99

## Assorted Ceramic Magnets



3.8cm Round  
64-1885



2.5cm Rectangular  
64-1875

**25<sup>c</sup>** Each

## Wide Assortment of Electronic Hardware Perfect for Your Home and Auto Needs

Packed in Handy  
"See-Thru" Packs  
for Convenience

• 35 Types  
• Corrosion  
Protected

**1<sup>59</sup>** Each

Do-it-yourself, hobbyist, and experimenter projects will go easier with this professional-quality electronics hardware. All items are package protected direct from factory to you for undiminished quality right off the shelf. All metal parts are either nickel-plated, tin-dipped, or electro-tin plated for long corrosive-free service.



### 1. Round Head Machine Screws.

64-3010, 14 each: 2-56x1/4, 1/2, 3/4"  
64-3011, 14 each: 4-40x1/4, 1/2, 3/4"  
64-3012, 14 each: 6-32x1/4, 1/2, 3/4"  
64-3013, 10 each: 8-32x1/4, 1/2, 3/4"

2. Self Tapping Hex Screws. 4 each: 6x1/4, 1/2, 3/4", 8x1/4, 1/2, 3/4" 64-3015

3. Pan Head Sheet Metal Screws. 5 each: #4x1/2, #6x1/4, 3/8", 1/2", #8x1/4, 3/8", 1/2" 64-3016

### 4. Steel Machine Hex Nuts.

64-3017, 40 each: 2-56  
64-3018, 30 each: 4-40  
64-3019, 30 each: 6-32  
64-3021, 30 each: 8-32

5. Steel Flat Washers. 20 each: #2, #4, #6, #8, #10 64-3022

6. Control Nuts. 8 each: 3/8"-32, 1/2"-32 and 7 of 475"-32 64-3020

7. Metal Cable Clamps. 10 each: 3/32", 5/32", 1/4" 5 each: 5/16" Package of 35 64-3023

8. Aluminum Spacers. 2 each: 1/4", 1/2", 3/4", 1" sizes for #4, #6 and #8 screws. Pack of 24 64-3024

9. Vinyl Grommets. 7 each: 1/4", 5/16", 3/8" 5 each: 7/16", 1/2" 64-3025

10. Wire Connectors. 16 assorted connectors for wire sizes #8-18 thru #12 64-3026

11. Polypropylene Cable Clamps. 6 each: 1/8", 3/16", 1/4" cable diameter. 64-3028

12-16. Solder-Lugs. 40 pieces: #6, #8, #10 mounting holes 64-3029

17. Solderless Ring Tongue. 6 each: #6, #8 (22-18 wire size), #6, #8 (16-14) 64-3030

18. Solderless Spade Tongue. 6 each: #6, #8 (22-18), #6, #8 (16-14) 64-3031

18. 20. Solderless Spade. (26-24) 3 each: #4 & #8 Insulated Spade. (26-24) 2 each: #4, #6 64-3042

18. Solderless #10 Spade Tongue. 12 each (22-18), (16-14) 64-3034

19. Solderless Insul. Ring Tongue. 4 each: #6 (22-18), 2 each: #8 (22-18), #6 & #8 (16-14) 64-3032

20. Solderless Insul. Spade Tongues. Assorted as above 64-3033

20. Solderless Insul. #10 Spade Tongues. 5 each: 22-18, 16-14 64-3035

21. Butt Connectors. 10 each: 22-18, 16-14 64-3036

22. Insul. Butt Connectors. 5 each: 22-18, 16-14 64-3037

23, 24. Male Quick-Disconnects. 2 3/16", 4 1/4" 2 of insul. 3/16", 1/4" 64-3038

25, 26. Female Quick-Disconnects. Assorted as above 64-3039

27. Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. 64-3047

28. Nylon Insul. Closed-End Connectors. 5 each: (22-14), (16-10) 64-3041

29. Solderless Flanged Spade. 6 each: (22-18) #6 & #8, (16-14) #6 & #8 64-3043

30. Solderless Insul. Flanged Spade. 4 each: #6 (22-18) 2 each: #8 (22-18), #6 & #8 (16-14) 64-3044

31. Solderless Hook-Tongue Terminals. 6 each: #6 & #8 (22-18), #6 & #8 (16-14) 64-3045

32. Female Flags Quick-Disconnect. 5 each: 3/16" & 1/4" 64-3046

33. Auto Fuse Tap. 3 sets. 64-3048

34. Solderless Insulated 8 Male/Female Quick-Disconnects. (22-18, 16-14 wire size) 1/4" tabs 64-3049

35. Insulated Large Ring Tongues. 2 each: 1/4", 3/8", 1/2" stud. sizes #16-10 wire range. 64-3040



# Identification Devices to Protect Your Valuables

## Electric Engraving Pencil

- Carbide Point
- Width/Depth Adjustment

Writes On Metal, Wood, Plastic

**21<sup>95</sup>**



Identify your property quickly and easily — engraves almost anything. 7200-RPM motor, on-off switch and lightweight, hi-impact housing. AC operation. 64-9173 ..... 21.95

NEW FOR 81

## Labelmaker Kit



**6<sup>95</sup>**

With 3 Rolls of Tape

Makes self-sticking, raised-letter, water-proof labels. Just dial character, squeeze handle to print A-Z, 0-9, punctuation. With 1.8m tapes in assorted colours. 64-526 ..... 6.95  
Extra Tape. Two 3/8"x366 cm rolls. 64-527 ..... 2.99

## Scribe-Ett™ Engraver

**2<sup>99</sup>**



Battery-Powered

Use it anywhere to "write" on metal, wood, tile, plastic nameplates, almost anything. Great for hobby work or marking valuables to help prevent theft. Lightweight, comfortable to hold. 17 cm long. Requires 2 "AA" batteries. 64-2177 ..... 2.99

## Etching Pen

**1<sup>69</sup>**

For Glass, Metal, Tile, Plastic



Pencil shaped for easy handling. Tipped with tungsten carbide. Convenient pocket clip. 13x0.79cm diameter. 64-1980 ..... 1.69

# Useful Chemicals and Fasteners for the Do-It-Yourselfer

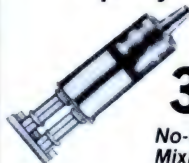
## Silicone Rubber Sealer



**3<sup>95</sup>**

Bonds, seals, caulks. Applies evenly, quickly. Moisture resistant. Ideal for antenna installation. With applicator tip. 64-2314 ..... 3.95

## "Twin-Tube" Epoxy



**3<sup>95</sup>**

No-Mess Mixing

Two separate tubes give automatic mixing to fix things fast. Bonds most anything in minutes. 28 gm. 64-2313 ... 3.95

## Instant Bonding Glue



**1<sup>99</sup>**

One Drop Permanently Bonds

All-purpose adhesive bonds non-porous materials easily, in seconds. Plastic nozzle tip. 64-2308 ..... 1.99

## TV Tuner Cleaner

**1<sup>95</sup>**

Also Lubricates



Just spray into tuner to eliminate "noisy" contacts. No harmful deposits. 200 g. 64-2315 ..... 1.95

## Acrylic Protective Spray

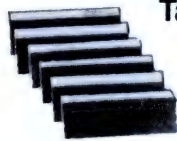
**1<sup>95</sup>**

Wiring Lasts Longer



Prevents arcing, rust, corona shorts, pitting. Over 20,000 volts dielectric strength. Safe. 200 gm. 64-2317 ..... 1.95

## Double-Sided Foam Tape Strips

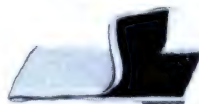


**2<sup>95</sup>**

Pkg. of 8  
Fastens almost anything to anything

2.5x7.6 cm strips instantly fasten pictures to walls, radar detectors to dashes, smoke alarms to ceilings. 64-2344 ..... 8/2.95

## Hook-and-Loop Fastener Strips



**2<sup>95</sup>**

Pkg. of 4

7.6 cm strips with adhesive backing for attaching items to car dash, grill cloth to speakers, pictures to walls, lots more. Peel and stick. 64-2345 ... 4/2.95

## Rosin Flux Remover

**1<sup>95</sup>**

Degreases



Removes flux deposits from electrical/electronic circuits. 200g 64-2324 ..... 1.95

## Component Cooler

**2<sup>69</sup>**

Finds Intermittents Fast



Spray on resistors, capacitors to chill them and spot thermally defective part. 200g. 64-2321 ..... 2.69

## 10,000 Volt Dielectric Tape

For Practically Any Job



Cat. No.	Roll Size	Each
64-2348	1.2cmx3.8m	.99
64-2349	1.9cmx6.0m	1.39
64-2350	1.9cmx20m	2.49

Vinyl tape protects electrical connections in hundreds of household, shop, and auto uses.

Handy 5-Pack. Assorted colours. Each roll 1.9cm x 3.6m. 64-9530 ..... 5/2.69

## All-Purpose Tape



**2<sup>49</sup>**

Watertight, airtight, unaffected by normal heat, cold, or damp weather. For home, car, boat, shop, office. 64-2347 ..... 2.49

## Silicone Lube

**1<sup>95</sup>**



Spray lubricates mating surfaces of most materials, including non-metals. Fights corrosion. No harmful residue. 200 gm. 64-2310 ..... 1.95

## Color TV Tuner Cleaner

**2<sup>29</sup>**



Concentrated! Sprays into tuner to clean and lube contacts for improved reception. 200 gm. 64-2320 ..... 2.29



# Archer Tools for Faster, Easier Electronic Work

## Archer Gas Brazing Torch Brazes, Heats and Solders

**29<sup>95</sup>**

Develops Over 2760°C  
Pinpoint Flame

Includes one butane and two safety sealed "Micronox" cylinders, tips for soldering and brazing, 14x5.0x3.1cm. 64-2165 ..... 29.95  
Extra Butane Cylinders. 64-2166 ..... Pkg. 2/2.99  
Extra "Micronox" Cylinders. 64-2167 ..... Pkg. 2/2.99

## "Helping Hands" Hold Work in Place

**12<sup>95</sup>**

- Holds Work in Any Position
- Leaves Hands Free for Glueing, Soldering, Fastening, Assembly and Repair

Six ball joints and two nickel-plated alligator-type clamps adjust to any angle — really simplifies work. Solid cast iron base. 64-2093 ..... 12.95

## Miniature Butane Torch With Refill

**9<sup>95</sup>**

- Fully Self-Contained
- Can Heat to 1371°C

Adjustable flame for the precise, controlled heat that you want. Just the thing for microplastic welding, soldering, hobby and craft work. Removes paint, bulky more. Cylinders last up to 60 minutes each. 64-2164 ..... 9.95  
Extra Butane Cylinders. 64-2165 ..... 2/2.99

## Portable Mini-Vise

**2<sup>99</sup>**

Handy for holding parts during on-the-spot soldering, glueing and drilling. Positive vacuum attachment for instant mounting and easy removal from any smooth, non-porous surface. Just flip lever to attach or detach. 64-2094 ..... 2.99

## Solder Iron Holder/Cleaner

**6<sup>99</sup>**

Open coil holds soldering iron. Dissipates heat fast. Sponge pad keeps soldering tip clean for efficient heat transfer. Weighted base. 64-2078 ..... 6.99

## "Mini" Desoldering Vacuum Pump

**5<sup>99</sup>**

- Desolders
- No-Stick Spout
- One-Hand Action

The "Snurfl" pump makes it easy to desolder and rework miniature and micro-miniature circuits. 64-2091 ..... 5.99

## Vacu-Bulb

- Teflon Tip
- Safe, Fast

**3<sup>19</sup>**

Takes up solder easily. No splattering. Easy to clean, won't mar connections. 64-2086 ..... 3.19

## Desoldering Braid

**2<sup>49</sup>**

Easy way to repair or revise circuits. Use with soldering iron. 1.5m roll. 64-2090 ..... 2.49

## 4-pc Soldering Tool Kit

**2<sup>99</sup>**

Includes heat sink, brush/scraper, pointed, slotted probes. 64-2227 ..... 2.99

## Clean-Tip Sponge

**2<sup>99</sup>**

Removes excess solder, keeps your soldering tips clean for more efficient heat transfer, doubles tip life. 64-2087 ..... 2.99

## Clamp-Type Soldering Tweezers

**3<sup>29</sup>**

Blunt, self-closing, serrated points for extra holding power. 16.5cm long, nickel-plated forged steel. 64-1915 ..... 3.29

## Non-Conductive Tweezers

**79<sup>c</sup>**

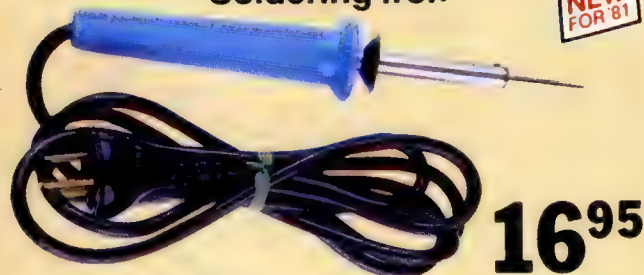
11 cm Long

Won't short out components. Serrated tips, non-metallic. 64-1914 ..... 79c



# For Quick Connections Use Archer Soldering Tools

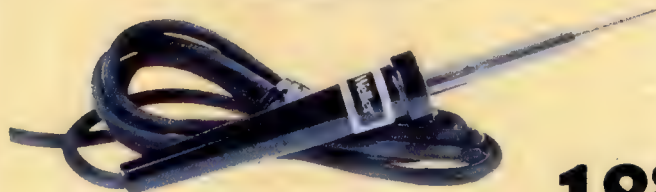
## Soldering Iron



**16<sup>95</sup>**

25 watt soldering iron with screw-in tip. Operates at 240 volts. Suitable for use by hobbyist. 64-9504 16.95  
64-9503. Replacement Tips. .... 1.69 Each

## Soldering Iron



**18<sup>95</sup>**

240 volt, 25 watt soldering iron screw-in tip. Ideal for handyman or hobbyist. 64-9500 ..... 18.95  
64-9501. Spare tips: cone shape ..... Pr. 1.99  
64-9502. Spare tips: chisel shape ..... Pr. 1.99

## It's Cordless! Portable Rechargeable Soldering Iron



With AC Cord, Recharging Plug

### Replacement Tips

Cat. No.	Type	Each
64-2076	Regular	3.29
64-9511	Fine Point	3.99
64-9512	Long Reach	3.99
64-9513	Miniature	3.99

**32<sup>95</sup>**

•Solders Up to 100 Connections Per Charge

No more cord tangle, and you can take it with you anywhere! Heats up in only 5-10 seconds and the high-efficiency copper tip spreads solder evenly. Built-in work light. Plugs into 240 VAC for recharging overnight. 64-9505 ..... 32.95

## "Pro" Soldering Gun



### Replacement Tips for Archer & Weller Guns

Cat. No.	Type	Price
64-237	Regular	2.99 Pr
64-9514	Cutting Tip	2.99 Ea
64-9515	Smoothing Tip	2.99 Ea

**29<sup>95</sup>**

Trigger switch for 100 watts, quickly. Worklight aids in hard-to-see areas. Copper tip spreads solder evenly. Lightweight, comfortable to hold. 64-9506 .. 29.95

## Archer Electronic Tool Kit

**26<sup>95</sup>**



This complete kit is made up of a full 25 watt soldering iron; a 3" round blade screwdriver; a 2" Phillips screwdriver; Wire Stripper; Solder Coil; Soldering Tool; and "De Sold" wick. Only from Tandy Electronics. 64-9510 ..... 26.95

## Pre-Cut Tape Solder

**1<sup>49</sup>** Melt with Match

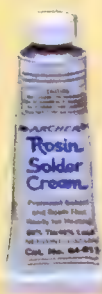


Wrap tape around twisted wires, heat with match or candle and get a good connection every time. 64-010 ..... 100 for 1.49

## Rosin Solder Cream

No Iron Needed!

**2<sup>99</sup>**



60% tin/40% lead can be used with match or cigarette lighter. 28 gm tube. 64-011 ..... 2.99

## Rosin Core Electronic Solder

Low As

**1<sup>29</sup>**



Choose standard, light duty or the special solder required for PC work. Meets QQ-571D specifications.

Package Size	Size	Use	Cat No	Each
14g Handy Pak	.062	Standard	64-001	1.29
42g Spool	.062	Standard	64-002	1.99
113g Spool	.062	Standard	64-004	3.99
71g Spool	.032	Light Duty	64-005	3.69
43g Spool	.050	PC Work	64-006	2.99
250 g Spool	.062	Standard	64-007	6.99

There's a Tandy Store or Dealer Near You — Wherever You Are



# Archer Electrical Accessories for Home or Shop

## Power Point Safety Tester

**5<sup>95</sup>**

NEW FOR '81



Simply plug in. Two lights on, power point okay. With instructions 100% safe. 61-9700 ..... 5.95

## Super Nite Lite

**2<sup>59</sup>**

NEW FOR '81



•With amber jewel

The darker the room, the brighter the light. Ideal for children's rooms. 61-9701 ..... 2.59



## Bright adhesive backed Nite Lite

**4<sup>95</sup>**

NEW FOR '81

•With amber jewel

Allows you to put the light where you want it. 2m extension cord. 61-9702 ..... 4.95

## Replacement Mains Plug

**1<sup>29</sup>**



Easy screw terminal, solderless connector. Moulded rubber top. Many uses. 61-9502 ..... 1.29

## Round Rubber Replacement 120 VAC Plugs

Pkg. of

**1<sup>99</sup>**



61-2704 ..... 2 for 1.99

## Double-backed Plug

**1<sup>89</sup>**



Piggyback mount. Double up on your connections with only one plug. Make work easier. 61-9508 ..... 1.89

## Double Adapter

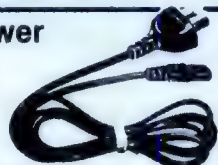
**1<sup>99</sup>**



Convert your single mains plug to a double mains connector. Do two things at once. 61-9506 ..... 1.99

## AC Power Cord

**3<sup>95</sup>**



Round female plug connects portable radios, cassette players to AC power. 1.8m cord, 278-9510 ..... 3.95

## Cord Extension Socket

**1<sup>99</sup>**



3 flat pin type. To repair or prepare your own extension cord. 61-9512 ..... 1.99

## Extension Cord

**14<sup>95</sup>**

15m



Clipsal PVC general purpose extension cord. 800/15 7.5 Amp. 1800 watt (max). For use in and outside home. 61-9507 ..... 14.95

## Portable Hand Lantern

**12<sup>95</sup>**



Unbreakable, toughened plastic moulding, with 5m extension cord and plug top. 61-9511 ..... 12.95

## AC Power Supply Cord

**3<sup>95</sup>**



AC power cord with square female plug for radio and cassette player. 278-9511 ..... 3.95

## 3 Core AC Line Cord

**4<sup>95</sup>**



Connects your appliance to power supply. Comes with 3 pin 240V AC plug on one end. 278-9000 ..... 4.95

## 3 Core AC Cable

**60<sup>c</sup>** metre

7.5 amp



AC cable by the metre at your Tandy store. 278-9001 ..... 60c/m

## Fluorescent Starters



20 watt 61-9600 ..... Pkg. 2/1.69  
40 watt 61-9601 ..... Pkg 2/1.69

## Economical AC/DC Tester

**1<sup>39</sup>**



•Locates Grounded Lines, Shorts, Opens

90-500 Volt Tester. Glow indicates live circuit. For house wiring or electronic equipment. Handy pocket clip. 272-201 ..... 1.39

## Handy tools Make Your Work Go Faster, Easier



### Fast-Cutting Nibbling Tool

**8<sup>95</sup>**

For Metal or Plastic

Now you can hand-cut sheet metal quickly and easily. Cuts up to 18-ga steel, 1.5 cm copper, aluminium and plastic. Made of hardened, tempered steel. 64-823 ..... 8.95

### Hex Key Sets to Complete Your Tool Box



A.



B.

A. Folding Hex Key Tool. Fits the six most popular hex key sizes. 64-1839 ..... 1.69

B. 18 Pc Hex Key Set. Complete range of short and long arm sizes. 64-1849 ..... 2.69

### TV Alignment Tool Kits

A.



B.



A. 5-Piece Colour Alignment Kit. Eight hex ends, 2 screwdriver tips, extender. 64-2220 ..... 3.99

B. TV Alignment Kit. Fits 90% of all RF and IF transformers. Two tips, screwdriver, hex wrench. 64-2223 ..... 1.49

### Precision Knife Set

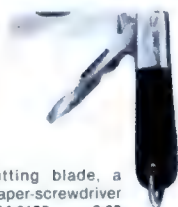
**3<sup>99</sup>**



Ten multi-purpose interchangeable precision ground steel blades for delicate cutting operations, scrapping, cutting tape, layout work, more. With fitted plastic case 64-1801 ..... 3.99

### Locking Pocket Knife

**3<sup>99</sup>**



A precision cutting blade, a combination scraper-screwdriver with safety lock. 64-2136 ..... 3.99

### Utility Knife

**1<sup>99</sup>**

Locks in 4 Positions

For cutting, trimming or scoring. Perfect for opening packages. Compact 6.6cm long. 64-1852 ..... 1.99

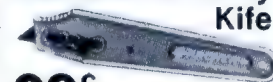


### Retractable Utility Knife

**99<sup>c</sup>**

Safe to Use

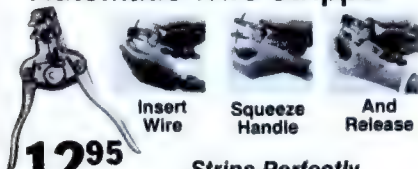
3-position positive stops for extending or retracting reversible blade. Safe to carry in pocket 64-1859 ..... 99c





# Archer® Tools Help Do-It-Yourselfers Do It Better

## Automatic Wire Stripper



**12<sup>95</sup>**

**Strips Perfectly**

Strips wire from #8 to #22 gauge in seconds. Removes insulation cleanly without nicking or breaking wire for professional-quality work. Simple to use.

64-1918 ..... 12.95

## Miniature Pliers



**3<sup>59</sup>**  
**Your Choice**

**A. 11 cm Diagonal Cutter.** Drop forged, polished, insulated grip. 64-1841 ..... 3.59

**B. 13 cm Long Nose Plier.** Drop forged, polished insulated grip. 64-1843 ..... 3.59

## Nippy Cutters **3<sup>99</sup>**



Flush cutting design lets you cut leads close to PC boards. Add a pair to your workbench.

64-1833 ..... 3.99

## Stripper/Cutter Tool

**2<sup>99</sup>** **Adjusts from #12-#24 Wire**

Long 13cm blade gives smooth, flush cutting action. Spring loaded easy-grip handle. 64-2129 ..... 2.99

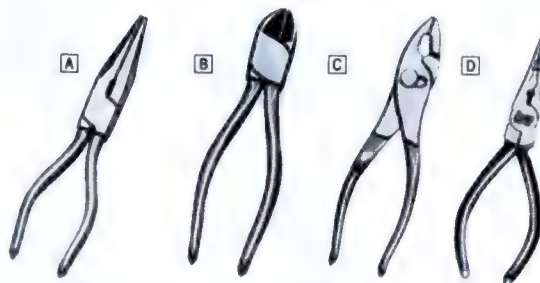


## Dial Wire Stripper **3<sup>99</sup>**

Professionally strips and cuts #12-#24 gauge wire. Spring loaded, insulated handle. 64-1952 ..... 3.99



## Assorted Pliers for All Applications



- Long-Life Hardened Steel
- Comfortable Insulated Handle Grips

**A. 16cm Needle Nose.** 64-1844 ..... 2.99  
**B. 15 cm Diagonal Cutters.** 64-1845 ..... 2.99  
**C. 16 cm Slip-Joint.** Adjustable claw grip size. 64-1846 ..... 2.99  
**D. 15cm All-Purpose.** AC cord divider, nut wrench, stripper, cutter and crimper. All in one handy tool! 64-1847 ..... 4.69

## Precision Tool Sets with Fitted Case

**Your Choice**  
**3<sup>99</sup>**  
**Each**

- Screwdrivers • Nutdrivers
- Crosspoint and Hex Set
- Combination Screwdrivers



**A Screwdrivers.** Six precision screwdrivers, sizes #1-6. Chrome plated brass handles. Swivel tops for one-hand operation. Widths 0.8 to 3.8 mm. 64-1948 ..... 3.99

**B Nutdrivers.** Set of 5 with swivel tops, chrome plated brass handles, torque bar. One-hand operation. 64-1957 ..... 3.99

**C Crosspoints & Hex Keys.** Set of 5 with 2 crosspoint screwdrivers, 3 hex key wrenches, torque bar. Chrome-plated brass handles, swivel tops for one-hand operation. 64-1958 ..... 3.99

**D Combination Screwdrivers.** Six precision screwdrivers. Two crosspoint and four regular. All with swivel tops. 64-1959 ..... 3.99

## Two-in-One Reversible Screwdrivers



**Low As**  
**3<sup>69</sup>**

Both types instantly reversible. Comfortable molded handles.

**A Reverses #1 Phillips to 3/16" standard.** 64-1950 ..... 3.69

**B Reverses #2 Phillips to 1/4" standard.** 64-1951 ..... 3.99

**Handy for Glovebox**

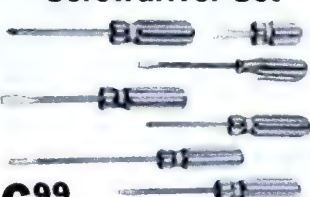
## 8-Pc. Interchangeable Nutdrivers

**Color-Coded Handles** **5<sup>95</sup>**



Drivers fit into master "power handle." With insulated handles, tempered steel, rust-proof sockets. 1/8", 3/16", 7/32", 1/4", 5/32", 5/16", 11/32", 3/8". 64-1800 ..... 5.95

## 7-Piece Professional Screwdriver Set



**6<sup>99</sup>**

Includes 1/4x1 1/2" stubby, 1/4x2 1/4" midjet, 1/4x4 1/4" mechanics, 3/16x4" cabinet, 3/16x6" cabinet, #1, #2 Phillips. 64-1823 ..... 6.99

## 8-Pc. Interchangeable Screwdrivers

**3<sup>99</sup>**  
**Set**

**Carry Case**



4.7 cm hardened steel blades, color coded handles. Includes #0, 1, 2 Phillips (crosspoint); 1/4", 3/16", 1/8" standard screwdrivers, scratch-awl, gimlet. Torque handle. 64-1835 ..... 3.99

## 6-Pc. Miniature Tool Kit



**3<sup>19</sup>**

**Great for Hobbyists**

Regular screwdrivers, crosspoints, scribe and handle. Handy plastic stand. Fits in purse or pocket. 64-1981 ..... 3.19

## 3-Piece Mini Screwdriver Set



**1<sup>49</sup>**

**"Jeweller's" Screwdrivers**

Perfect for fixing eyeglasses or other delicate instruments. Swivel-heads for one-hand operation. Handy case. 64-1882 ..... 1.49

## 6-Pc. Nutdriver Set



**5<sup>49</sup>**

**Hardened, Tempered Steel**

Ideal for many purposes around the house or by the repairman. Sizes: 3/16" to 7/16". Easy-grip molded handles. 64-1821 ..... 5.49

## 4-in-1 Tool Kit

**1<sup>19</sup>**

Three screwdrivers (2 flat-heads, 1 crosspoint) and awl. All have precision tips with durable plastic chuck handles.

64-1819 ..... 1.19



Tandy Electronics For All Parts and Accessories



# Handy Helpers from Tandy for Home or Travel

## Micronta® Electronic Blood Pressure Tester

Handy Pressure Cuff

**89<sup>95</sup>**

- Easy One-Hand Operation
- No Stethoscope Required
- Visual/Audible Readings

**Micronta BP-1.** This sphygmomanometer makes it simple to check your blood pressure. And it can be operated with just one hand because a built-in microphone takes the place of the stethoscope. You get instant readings on the large scale, from 20 to 300. Red flashing light and "beeper" indicate systolic (upper) and diastolic (lower) blood pressure. Automatic release valve and built-in battery condition indicator. Includes charts for keeping a record of blood pressure and a handsome vinyl case. Requires 9V battery. **63-660 ..... 89.95**

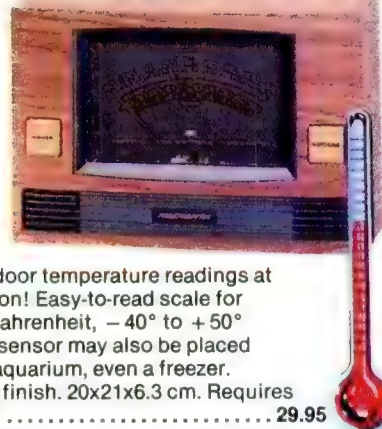
Check Your Blood Pressure Quickly and Easily Right at Home



## Indoor/Outdoor Thermometer

**29<sup>95</sup>**

- Dual-Range 11 cm Scale
- All-Electronic Operation



Get indoor or outdoor temperature readings at the push of a button! Easy-to-read scale for -40° to +120° Fahrenheit, -40° to +50° Celsius. Outdoor sensor may also be placed in another room, aquarium, even a freezer. Simulated walnut finish. 20x21x6.3 cm. Requires 9V battery. **63-651 ..... 29.95**

## Automatic Directories Put Information at Your fingertips

**Get Instant Access to Any Name/Number Contained in Your Private Directory! Very Convenient! Very Affordable!**



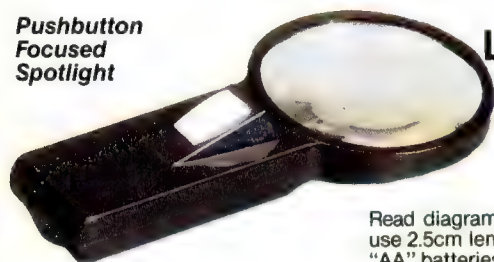
**A. Portable Hand Directory.** Rapidly locates any of 390 names and numbers in forward or reverse. Requires 2 "AA" batteries. **43-112 ..... 8.95**

**B. Pocket Directory.** Use it anywhere! Measures only 7.6x13x1.9cm but holds up to 200 names and numbers. Requires 2 "AAA" batteries. **43-109 ..... 7.95**

Pushbutton Focused Spotlight

## Dual-Power Lighted Magnifier

**4<sup>98</sup>**



Read diagrams and print with 7.6cm main lens, use 2.5cm lens to read smallest type. Requires 2 "AA" batteries. **63-848 ..... 4.98**

## 3X Power Magnifier

**3<sup>29</sup>**

**Wide-Angle Viewing**

Ideal for reading small type, inspecting PC boards, working on jewellery, microcircuits. 7.6 cm lens.

**63-847 ..... 3.29**

## Solar Cigarette Lighter

**3<sup>99</sup>**

Pocket-sized parabolic mirror lights cigarettes with solar energy. No flame to blow out. Carrying pouch.

**61-2797 ..... 3.99**

## Stick-On Ballpoint Pen

**1<sup>29</sup>**

Never go looking for a pen while on the phone again! Adhesive-mount back attaches easily to telephone or any other smooth surface.

**43-110 ..... 1.29**



# Headquarters for Flashlights & Accessories

## Mini Fluorescent Lantern

**14<sup>95</sup>**

*Use for Auto,  
Work or Play*

Provides instant light at home or away. Perfect for hiking, camping or on-the-road emergencies. PVC carry case attaches to belt. 8.5x16x2.8cm. Requires 5 "C" batteries.

61-2733 ..... 14.95

## Wireless Light Fixture

**6<sup>95</sup>**

Battery operated — no wiring. Mounts in closet, van, workshop, almost anywhere. 16x13x9.0cm. Requires 4 "D" batteries. Replaceable No. 1651 bulb. 61-2732 ..... 6.95

## Economical Tandy Flashlights One for Every Use — Come Out of the Dark!



**A. 5-Cell Flashlight.** Projects a concentrated 457 metre beam. Heavy-duty moulded case with thumb switch. Requires 5 "D" batteries.

68-1001 ..... 1.95



**B. Handy Pen Light.** Rear toggle switch. For pocket or purse. Requires 2 "AA" batteries. 61-2626 .. 2.69



**C. Pen-Lite.** Small, disposable type with sealed-in battery. Just depress pocket clip for high-intensity light. 61-2625 ..... 1.99



**D. Standard Flashlight.** Economical to buy and use. Two-tone moulded body. Requires 2 "D" batteries.

61-2624 ..... 2.29



**E. Magnet Light.** Built to last! Magnetized body attaches instantly on metal surface. Great for reading maps, making repairs. Requires 2 "D" batteries.

61-2640 ..... 3.99

**F. Penlight.** Keep one handy in your car, home or at work. Clip-switch fastens to shirt-pocket or notebook. Requires only 2 "AA" batteries.

68-1033 ..... 99c

**G. Safety Wand Flashlight.** Its most handy for travelling, boating, camping or the way to get quick attention when in trouble. Removable top converts to flashlight use. 68-1016 ..... 1.99



## Metal Detectors — The Sure Way to Find Hours of Fun!

### Deluxe Metal Detector

- Separate Peaking & Sensitivity Controls
- Battery Powered — Use Anywhere
- Spot Buried or Lost Coins, Relics, Jewellery!
- Large, Easy-to-Read Adjustable Null Meter

**59<sup>95</sup>**

A real "find" for treasure hunters. Search under soil, wood or dry sand for relics and valuables of all kinds — including lost keys or hardware. The ferrous/non-ferrous control even helps you identify *magnetic* and nonmagnetic objects. Built-in earphone and 6.9 cm speaker for audible detection, while meter gives you a visual indication as you approach metal. Water-resistant search coil has a Faraday Shield to eliminate false indication. It's lightweight (less than 0.9kg) so lengthy searches aren't tiring. Includes earphone. Requires 6 "AA" batteries. 63-3001 ..... 59.95

### Treasure Finder

**26<sup>95</sup>**

**Easy-Grip  
Handle**

Spots anything metallic—find relic coins or hardware up to 15cm below ground. Highly sensitive electronic coil causes speaker to change pitch when you approach metal objects. Separate tuning and fine-tuning controls. Shaft adjusts up to 68cm. Requires 9V battery. 60-3003 ..... 26.95



There's a Tandy Store Near You — Wherever You Are



# Batteries for the Power You Need When You Need It



## General Purpose Enercells

- Cost Less Than Most Other Brands
- Protected Against Leakage
- Rigid Steel Shell, Polyethylene Inner Liner

Our most popular batteries! We sell thousands every year, so you can be sure they're fresh and strong when you buy them. Compare and you'll see what a value they really are.

Fig.	Cat. No.	Cell Type	Replacement For			Each
			Eveready	Ray-O-Vac	Mallory	
A	23-466	"D"	950	13	M13F	.35
B	23-468	"AA"	915	15	M15F	.30
C	23-467	"C"	935	14	M14F	.35
D	23-464	9V Rect	216	1604	M1604	.59

## ENERCELL® Extra-Life Batteries

- Shelf Life Up To Three Years •Rigid Steel Case
- "Miracle Seal" for Greater Leak Protection

Save money, save bother by stocking up now on our Enercell Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service. That means fewer trips to the store for replacements.



Fig.	Cat. No.	Cell Type	Replacement For		Each
			Ray-O-Vac	Eveready	
A	23-580	"D"	6D	1250	.55
B	23-582	"AA"	5AA	1215	.45
C	23-581	"C"	4C	1235	.55
D	23-584	"AAA"	400	912	.35
E	23-583	9V Rect	D1604	1222	1.19



## AC Adapter/Charger 7<sup>95</sup>

- Saves your Battery!
- Use to Power Cassette Recorders, Calculators, etc.

6 Volts: Current rating 300mA. Input 240V, 50 Hz, 6W. Output: 6VDC. Save on batteries by using it to power calculators, transistor radios, cassette recorders. Works from any 240V source. With 1.8m cord. 14-9521 ..... 7.95

## Get A FREE Battery Card!

Join our Battery-A-Month Club and get one Tandy General-Purpose Enercell each month, FREE, for one whole year! No obligation! Nothing to buy! Choice of 1.5V "D," "C," "AA" or 9V sizes. Come in for your card!

Good at Participating Tandy Stores and Dealers.

## Saves You up To \$7<sup>08</sup>






# ENERCELL<sup>®</sup> Alkalines — Cheaper in the Long Run

## Last Up to 10 Times Longer\*


- High Output Even at Low Temperatures
- Long Shelf-Life — Stock Up

Try 'em and see for yourself! Our exclusive alkalines retain full power through long periods of storage at normal temperature, and work well even in the lowest temperatures. Each delivers top performance at high current drain and is steel clad and insulated for dependability. Non-rechargeable. (\*In same service as regular zinc-carbon cell.)


Fig.	Cat. No.	Cell Type	Replacement for			Price
			Ray-O-Vac	Eveready	Mallory	
A	23-551	"C"	814	E93	MN1400	Pkg. of 2 for 2.39
B	23-554	"AAA"	...	912	MN2400	Pkg. of 4 for 2.69
C	23-553	9V Rect.	...	...	MN1604	Each 2.79
D	23-552	"AA"	815	E91	MN1500	Pkg. of 4 for 2.79
E	23-550	"D"	813	E95	MN1300	Pkg. of 2 for 2.39




**Last 10 Times Longer in Toys**



**5 Times Longer in Radios**



**7 Times Longer in Flashlights**



**6 Times Longer in Walkie Talkies**



## Portable Lantern Batteries

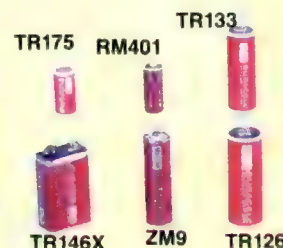
Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Eveready	Mallory	
23-066	6	942	510S	M915	6.29
23-066	6	941	509	M908	3.29
23-541	6	918	731	M918	8.99
23-007	12	926	732	M926	8.99
23-016	6	944	1209	M918	3.49



510S 509

## Specialty Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Eveready	Mallory	
23-601	7.0	T175	E175	TR175	3.99
23-1536	8.4	T126	E126	TR126	7.95
23-1523	4.2	T133	E133	TR133	7.95
23-1527	8.4	...	E146X	TR146X	6.99
23-1535	1.4	T9	E9	ZM9	3.99
23-660	1.4	T401	E401	RM401	2.99



## Photo Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Eveready	Mallory	
23-023	1.5	810	E90	MN9100	Pkg. 2/2.99
23-470	1.35	...	...	PX13B	3.99



MN9100

PX13B

## Miniature Batteries

Cat. No.	Volts	Equivalent Types			Price
		Ray-O-Vac	Eveready	Mallory	
23-641	1.4	T312	E312	RM312	Pkg. 6/4.95
23-1521	1.4	T675	EP675	MP675	1.69
23-1515	1.4	T640-1	E640	RM640	2.59



MP 675



## 5-Range Battery Tester

**12<sup>95</sup>** • Tests Most Popular Types  
• 2-Jewel Movement

Accurately measures voltage of batteries under "load" conditions. Ranges: 1.5/6/9/14/22.5 volts. Two color-coded scales for testing regular and mercury batteries. Tests watch/calculator batteries, too. Single-knob range selector. With test leads. 22-030 ..... 12.95

## Handy Battery Checker

Tests 9V and 1½V "D," "C" and "AA" Sizes **7<sup>95</sup>**

Just press battery in place for instant indication of voltage level. Tests zinc-carbon, alkaline, mercury, nickel cadmium batteries. 22-100 ..... 7.95

Battery not included



There's A Tandy Store or Dealer Near You — Wherever You Are



# ENERCELL® Rechargeables for Big Battery Demands

Nickel Cadmium Batteries — More Power to You!



**C** 1.25V "D" Cell      **A** 1.25V "AA" Cell      **B** 1.25V "C" Cell      **D** For 9V Applications\*

- **ENERCELLS Keep Working Long After Regular Batteries Have Worn Out**
- **Steel Clad and Insulated for Extra Dependability**

Save money and bother! Just recharge — and reuse our exclusive ENERCELL batteries time and again with the optional-extra charger at right. Retain full power indefinitely when stored at normal temperatures.

Fig.	Cat. No.	Cell Type	Replacement for				Pkg of 2
			Eveready	Ray-O-Vac	GE	Mallory	
A	23-125	AA	CH500	615	GC1	NC15AA	5.99
B	23-124	C	CH1.2 C	614	GC2	NC14C	6.89
C	23-123	D	CH1.2 D	613	GC3	NC13D	6.99
D	23-126	9V*	CH22BP	NC1604	GC9B	NC169VB	9.95 Ea

## Nickel Cadmium Battery Charger



Use only on Nickel Cadmium Batteries

**19<sup>95</sup>**

Recharges "AA's", "C's", "D's". Has two charging sections — charge any pair of cells in one section while a different pair of cells is charging in the other. With 1.8m cable. Input 240V 50 Hz. Output 2.4V — 36mA/96mA. 270-9530 ..... **19.95**

## ENERCELL AC Recharger

**8<sup>95</sup>**

**Charges the ENERCELL Transistor Battery**

Plugs directly into 240VAC. Charging time will vary from 14 to 16 hours, depending on battery condition. 23-9131 ..... **8.95**



## Tandy — Battery Centre for Watches, Calculators, Hearing Aids

### Silver Oxide Watch/Calculator Batteries

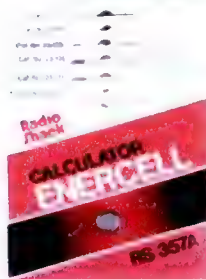
Designed for Extra Protection Against Leakage

Low As **2<sup>39</sup>**

Silver oxide — keeps equipment operating a long, long time.

Cat No	Type	Replaces	Each
23-009	RS 76	B76S S76E. MAS76. MS76RA RS76G. 8104 ZS76	2.39
23-9807	RS 389	EV389. 10L122. RW49. 389 SB-BU. WL10. SR 1130. G10 17 544 189 289 GP89 D389	2.99
23-9805	RS 392	EV392 Type K. 10L125 RW27 RW47 247B WL1 G3 2 547 8009. GP92. 392 D392	2.99
23-9803	RS 393	EV393 Type F. 10L123. RW28. RW48. 255. WL6. G5. 15. 546. 8010. GP93. 393. D393	2.99
23-104	RS 303	EV303 Type A WS14 SB-A9. GS14. 9. 521. EPX77 8002 303. D303	2.99
23-105	RS 357	EV357 Type J. 10L14. RW22. RW42. 228. WL14. G13. 7. 541 8008 A76 D76 EPX76 F76. S76 GP57 357 D357	2.99
23-9804	RS 386	EV386 Type H. 10L124. 10R124. RW24. RW44 260. WL11. G12. 6. 548. 541. 542. 186. 286. 8007. GP86. 386. D386	2.99
23-107	RS 391	391. 10L130. 317. SR1120W. SB-BS. WL5. G8. 31. 291. 8018. 1160S0. D391	2.99
23-9806	RS 355	10L 129/RW25	3.99

### Alkaline Calculator Batteries



Keep Your Calculator Running at Peak Performance

Exclusive sealing design guards against leakage for maximum performance.

Cat No	Type	Replaces	Each
23-115	RS 357A	EPX76 S76 357 MS76 RS76 10L14 RW42. SR44W. G13. G13F D357. D76. F76. GP76 GP57. 8006. 76-A	1.19
23-116	RS 386A	386. 10L124. SR43W. 86-A RW44 G12. GP86 D386 8007 548 389 289 10L122	1.19
23-117	RS 389A	RW49 G10. SR1130W GP89. 89-A. D389. 8019	1.19
23-118	RS 391A	391. 291. 10L130. RW30. SR1120W. G8. GP91 D391. 8018. 533	1.19

### Mercury Hearing Aid Battery Pack



Dial-A-Cell Dispenser Keeps Spare Batteries Handy

Made to the highest industry standards, these batteries undergo over 20 exacting quality checks and controls to insure the dependability you need and expect.

Cat No	Type	Replaces	Pk 6
23-145	RS 675m	EP675E-6. E675E-6. MP675H. RP675. 8107. 675 mp	6.95
23-146	RS 13m	E13E-6. RM13H. R13. 8118. M13. 13. B26	5.95
23-147	RS 41m	E41E-6. RM41H. R41. 8116. M41	5.95



# Soldering Kits for Interested Electronics Hobbyists

## 8-Range Multitester Kit



**8<sup>95</sup>**

**Pocket Size**

Mirrored scale, pin jacks for all ranges, 1000 ohms per volt. Reads AC/DCV to 1000, DC mA to 150, resistance to 100k. Requires "AA" battery. With leads. 28-4012 ..... 8.95

## 25-Range Multitester Kit



**24<sup>95</sup>**

10cm colour-coded, mirrored scale DCV, 0-1200 at 20 k/V. ACV, (0-1200 at 10k/V. Current, 0-60  $\mu$ A-300mA. DC. Resistance, Rx1-Rx1000. Decibels, -20 to +63. Accuracy:  $\pm 3\%$  DC,  $\pm 4\%$  AC. Requires "AA" battery. 14x8.8x3.8 cm. With leads.

28-4013 ..... 24.95

## 43-Range Multitester Kit



**34<sup>95</sup>**

11cm mirrored scale, overload protection. DCV, 0-500 at 50 k/V, 0-1000 at 25 k/V. ACV, 0-500 at 10k/V, 0-1000 at 5k/V. Current, 0-10A. DC. Resistance, Rx10k. Decibels: -20 to +62. Accuracy:  $\pm 3\%$  DC,  $\pm 4\%$  AC. Requires "AA" and 9V battery. 17x12x5cm. With leads. 28-4014 ..... 34.95



**19<sup>95</sup>**

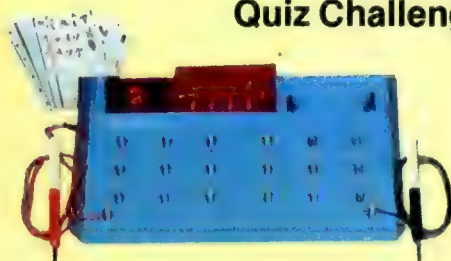
## Electronic Bike Speedometer Kit

- Fits Most Bikes
- Easy Assembly

Add fun to your bike riding! Features dual scale that reads both kilometers and miles per hour. Includes instructions, mounting bracket, hardware. Requires 9V battery. 28-4026 ..... 19.95

## Fascinating Hobby Kits That Entertain for Hours — No Soldering Required

### Quiz Challenger Kit



**8<sup>95</sup>**

- Includes 40 Question-and-Answer Quiz Panels

The correct answer lights the programming panel! Test your knowledge of science, history, geography, lots more. Non-technical instructions. Solderless, Requires "AA" battery. 28-213 ..... 8.95

### Motor/Generator Kit

**15<sup>95</sup>**



- Can Even Power Other Devices

Reversible, tripolar motor measures RPM and current. Solderless, completely safe. Instructions included. Requires 2 "C" batteries. 28-194 ..... 15.95

Accessories Are Available By Mail Order From Any Tandy Store



# Fun! Safe! Build a "Solderless" Science Fair® Kit



**Includes All You Need to Start A Hobby in Electronics**

Explains every project on giant easy to read pages. Non-technical. Schematics teach theory, simple diagrams make hookup easy.

Giant Lab-type Manual Included

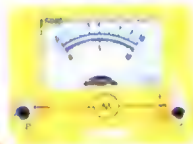
**Increase Your Electronics Knowledge!  
150 Challenging Projects**

**39<sup>95</sup>**



Code Key

Earphone



Meter



Advanced Integrated Circuit



7-Segment LED Digital Display

You'll amaze yourself and your friends when you build radios, a telegraph, a one-way telephone, a wireless mike and lots more. Simple computer-type circuits include "AND," "NAND," "OR" and "NOR" with LED, plus flip-flop lamp flasher and others. You can even produce electronic sound effects. Parts are pre-mounted — connect, disconnect and reconnect circuits in the wood case using spring-clip connectors. All projects solar or battery powered. Requires one 9V and 2 "AA" batteries. 28-248 ..... 39.95

## Digital "Computer" Kit



100 Exciting Projects

**29<sup>95</sup>**

## Harness Solar Energy Kit



**16<sup>95</sup>**

Build 25 Electronic Circuits

## Electronic Digital Logic Lab



**14<sup>95</sup>**

Hours of Fun

Digital computer assembles easily for hours of fun while you learn about binary math, and elementary computer programming. Includes illustrated 68-page manual. Requires 3 "C" batteries. 28-218 ..... 29.95

Create a sun-powered radio transmitter, relay, sound synthesizer and other fascinating projects. Includes manual. Some projects require one 9V and two "AA" batteries. 28-246 ..... 16.95

Kit contains "AND," "NAND," "OR," "NOR" circuits, electronic games and more. Complete with integrated circuit chip, LED and all other necessary components. Requires 3 "AA" batteries. 28-226 ..... 14.95



# Science Fair® Kits for Hobbyists of All Ages

## 50 Exciting Projects to Stimulate Young Minds

- Spring Clip Terminals for Absolutely Safe Hookup
- Workbox Made of Finished Wood With Parts Pre-Mounted Inside

**29<sup>95</sup>**

**NEW FOR 81**

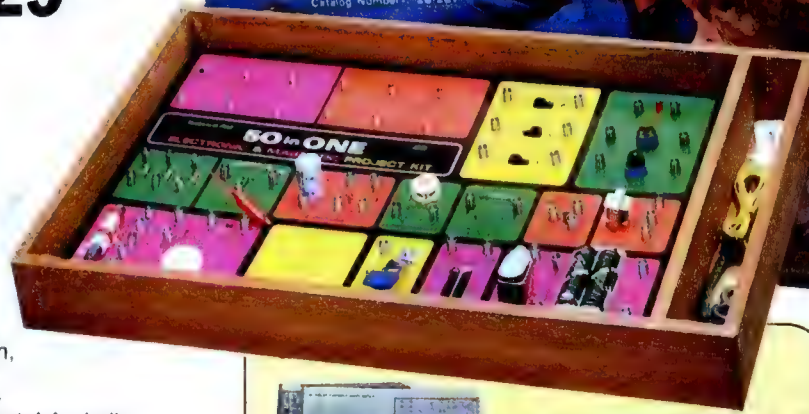


Code Key

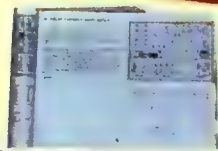


Radio Circuit

Earphone



Discover the exciting world of electronics! Now you can build a radio, a telegraph, a morse code system, and much more. Easy-to-understand instructions show you how to hook up transistors, diodes, resistors, capacitors and other parts for 50 exciting projects! And all you have to do is connect the wires to spring-clip terminals to construct one of the many projects—when your project is finished, disconnect the circuit and go on to another one. No prior knowledge of electronics necessary! Requires 2 "AA" batteries. 28-227 . . . . . **29.95**



**Lab-Type Manual Included**  
Every project explained on easy-to-read, illustrated pages in non-technical terms. Pictorial diagrams make hookup easy.



### Crystal AM Radio Kit

"Plays Forever"

**6<sup>95</sup>**

**NEW FOR 81**

Plays without AC or batteries. A diode converts the RF signal to audio, covering the 550 kHz-1600 kHz band. Includes earphone, instructions, theory of operation. 28-219 . . . . . **6.95**

### 2-Transistor AM Radio Kit

Easy To Assemble

**NEW FOR 81**

**8<sup>95</sup>**



Enjoy your favorite AM stations on a radio you assembled yourself! You can use any 9V battery. Tunes the entire 550-1600 kHz AM band. With earphone, instructions. 28-229 . . . . . **8.95**

### A Kit for Future Engineers

10 Exciting Projects in One

**12<sup>95</sup>**



Build your own home AM broadcast station, amplifier, audio test equipment, code oscillator. Includes manual. With earphone. Requires one "AA" battery. 28-225 . . . . . **12.95**

### AM/FM Radio Kit

**NEW FOR 81**

Pre-assembled FM Tuner Section

**19<sup>95</sup>**

Tune in your local stations. Includes earphone, manual. Requires 2 "AA" batteries. 28-234 . . . . . **19.95**



### Let's Go Flying!

Over 100 Projects

**26<sup>95</sup>**

Learn the mechanics of flight and propulsion! Build a helicopter, a flyable model airplane, helium balloon, more. 160-page manual. 28-196 . . . . . **26.95**



Tandy for Value, Service and Reliability



# Radio Control "Driving Fun" Right in Your Hand!



## 2-Channel Lancia Stratos

**NEW FOR '81**  
**39<sup>95</sup>**

- Goes Forward/Reverse
- Turns Left/Right
- Stops • "On" Light



On your mark, Get set, GO! You're "behind-the-wheel" by remote control, with Auto-Stop if you lose control. Requires four "AA," two 9V batteries. Car length, 24cm. 27 MHz.

60-3027 ..... 39.95



## **NEW FOR '81** Ferrari Racer

**16<sup>95</sup>**

- Authentically Styled
- Fun for Kids 6 and Up



High-speed forward and reverse/turn action at your fingertips, indoors or out. Requires two "AA," and two 9V batteries. Car length, 19cm. 27 MHz. 60-3015 ..... 16.95



## Lamborghini Racer

**NEW FOR '81**  
**32<sup>95</sup>**

- Race the Course Against the Clock
- Ready to Run



You control the course! Authentic racer goes forward, reverse, turns left and right. Requires two "C," and two 9V batteries. Car length, 24cm. 27 MHz. 60-3026 ..... 32.95



## 2-Speed Off-Roader

**NEW FOR '81**  
**39<sup>95</sup>**

- 4-Wheel Drive Action
- Tackles Tough Terrain



Explore the "back-road" country! Takes on rough ground and climbs hills. Drives forward/reverse, turns left/right, and stops at your command. Requires four "AA," two 9V batteries. Vehicle length, 25 cm. 27 MHz. 60-3039 ..... 39.95



## Porsche-928 Racer

- Full Control at Your Fingertips
- 1/16 Scale

**49<sup>95</sup>**



It's a race to the finish with this full-function, highly detailed speedster. Starts, stops, and turns left or right going forward or backward. On/off switch. Requires four "C," two 9V batteries. Car length, 29cm. 27 MHz. 60-3017 ..... 49.95



## "Elf" Formula Racer

**19<sup>95</sup>**

New Low Price  
Was \$23.95 in '80 Cat.

- Completely Detailed
- For Any Smooth Surface



Hand-held, one-button transmitter puts you in the driver's seat of your own high-speed racing car! Goes forward and reverse/turn. Requires four "AA," and two 9V batteries. Car length, 24 cm. 27 MHz. 60-3014 ..... 19.95



## Radio Controlled Racing Team

**59<sup>95</sup>**  
Pair

Each Car Operates  
On Its Own Frequency



You're at the wheel in a high-speed race! Cars have authentic styling and include "steering wheel" remote controls. Two-speed operation. Requires two "AA," two 9V batteries for each car and control unit. Car length, 18cm. 27/40 MHz. 60-3018 ..... Pair 59.95



## Digital Proportional Dune Buggy

**79<sup>95</sup>**

- A huge 41 cm long 20 cm wide
- speed and steering trim controls
- LED Power Indicator

**DIGITAL PRO PORTIONAL**

It's proportional—responds directly to amount the speed and steering controls are moved. Forward, reverse; turns left, right; stops. Requires 6 "AA," 5 "C" batteries. 27 MHz. 60-3038 ..... 79.95



# Radio-Controlled Heavyweights...for Big Action!

NEW  
FOR '81

## Ahoy! Command Your Own Cruiser

**46<sup>95</sup>**

*Pilot Boat Up  
to 30m  
From Dock or Shore*



Fun for sailors and land lovers alike! Sails in lakes, ponds, streams, swimming pools. Steers forward and left or right by remote control. Automatic out-of-range safety lock. Requires 9V and 6 "AA" batteries. Boat length, 27cm. Includes display stand. 27 MHz. 60-3022 ..... 46.95



NEW  
FOR '81

## Pan Am Jet

**24<sup>95</sup>**

- Modelled After the Real Jumbo Jet
- Goes Forward, Reverse/Turns



Taxi down the runway with the remote control unit in hand and let your imagination soar. Requires four "AA," two 9V batteries. Jet length, 27cm. 27 MHz. 60-3047 ..... 24.95



NEW  
FOR '81

## Payloader

**39<sup>95</sup>**

- Working Front-End Scoop
- Tough, Molded Body



Put on your hard hat and start construction! Single control makes unit go forward, reverse, turn, lift and lower shovel — just like a real payload! Requires three "C," two 9V batteries. Length, 30 cm. 27 MHz. 60-3034 ..... 39.95

NEW  
FOR '81

## High Power Sherman Tank

**49<sup>95</sup>**

*Scale Model of the Famous  
World War II Army Tank*



Command your own battalion! Change field position by maneuvering forward, left, right, and stop over rough terrain and climbing 45° inclines. Requires three "C," two 9V batteries. Length, 33cm. 27 MHz. 60-3037 ..... 49.95

## Give Orders to This Outer Space Robot

**24<sup>95</sup>**

NEW  
FOR '81

- Over 0.91m tall
- Inflatable "Metal Look" Vinyl with Moulded Base



Take me to your leader! Hand-held battery-powered remote control transmitter puts the "alien" at your command. Simple, one-button action maneuvers robot forward and reverse/turns. Runs on most smooth surfaces or carpet, indoors or out, and stands up to a lot of use. Motorized base has on-off switch. A "bionic" buddy recommended for children and "grown-ups" ages 6 and over. Requires four "C," two 9V batteries. 27 MHz operation. 60-3023 ..... 24.95



## Combat Tank

**29<sup>95</sup>**

*Includes Four Plastic Pylons  
To Set-Up an Obstacle Course*



Advance into battle! Transmitter lets little lieutenants maneuver where the "action" is, without track or wires. Moves forward, turns left or right at any angle. Requires three "C," two 9V batteries. Length, 21cm. 27 MHz. 60-3009 ..... 29.95



**Join the Tandy Electronics Free Battery Club Now!**



# Fascinating Electronic "Action Toys" for Everyone

Exciting TV Games for Indoor Family Enjoyment

**46<sup>95</sup>**

Six Games for One or Two Players

Choose football, tennis, squash, single player practice, target or skeet! On-screen scoring, sound effects, auto/manual serve, variable ball speed, paddle size and bounce angle. Requires 6 "AA" batteries.

60-3061 ..... 46.95  
AC Adapter.  
65-731 ..... 7.95

Play Any of These Games!

TARGET PRACTICE FOOTBALL



SQUASH SKEET TENNIS

Four Games for One or Two Players

**29<sup>95</sup>**

•Hand-Held Control Units

Play football, tennis, squash, or practice with TV SCOREBOARD.® Has master control and remote unit, on-screen scoring, sound effects. Adjustable ball speed, paddle size, bounce angle. Requires 6 "AA" batteries or AC adapter #65-731 at left. 60-3060 ..... 29.95



SQUASH TENNIS PRACTICE FOOTBALL

## Computerized Games — Challenging, Fun, Fascinating!

With Protective Cover

**129<sup>95</sup>**

8 Levels of Play — A Challenge Every Time

Hours of fun for beginners as well as aspiring masters! Play against the computer on any of 8 different skill levels. Features molded case with built-in board and pieces, LED rank display and position verification. Requires 6 "AA" batteries. 20x14x3.8cm. 60-2160 ..... 129.95

**Computerized Chess Game**



Electronic Pinball

Arcade Fun at Home for 1 or 2 Players

**39<sup>95</sup>**

Careful not to tilt! Work the flippers to win bonus points or a free ball. Seven skill levels, "bumpers," sound effects. Requires 4 "AA" batteries. 60-2140 ..... 39.95

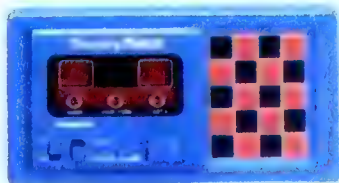
Electronic Zingo

NEW FOR '81

A Game of Quick Reflexes

**24<sup>95</sup>**

Fun for the young and not so young! Stop the bouncing "ball" in groups of four—diagonally, vertically or horizontally. Requires 9V battery. 60-2123 ..... 24.95



Electronic Memory Match

**24<sup>95</sup>**

NEW FOR '81

A game of concentration. For 1 or 2 players. Uncover numbers by pressing touch-sensitive squares on "board" — match two from memory and score! Requires 4 "AA" batteries. 60-2122 ..... 24.95



# Look What's New in Hand-Held Games at Tandy

## Electronic Sports Arena



NEW  
FOR '81

39<sup>95</sup>

Three Exciting  
Games in One

Play ice hockey, basketball or soccer! Insert one of the "playing field" faceplates and you're set for action. With LED "players", display. Requires 9V battery.

60-2158 ..... 39.95

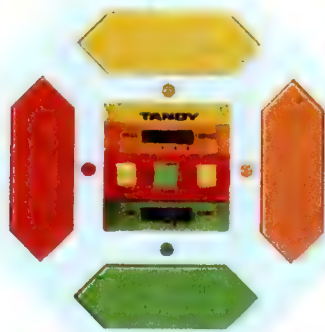
## Electronic Repeat

29<sup>95</sup>

Can You Beat a  
Computer at  
Its Own Game?

Sharpen your memory — play back the colours and sound in the same sequence. Gets faster and faster (and harder!) on four skill levels. Requires 9V battery.

60-2142 ..... 29.95



## Pocket Repeat

19<sup>95</sup>

Test Your Memory — Play Back Lights  
and Sounds in the Same Sequence

It's like Electronic Repeat, above, but in a "mini" size that fits in a pocket. Requires 9V battery.

60-2152 ..... 19.95

NEW  
FOR '81



## Electronic Cycle Race

26<sup>95</sup>

Thrilling High-Speed  
Racetrack Action

Try to avoid a crash and stay in the race! Change lanes, speed up or down by shifting through 5 "gears". Requires 9V battery.

60-2153 ..... 26.95



NEW  
FOR '81

## Wise Monkey Maths Game

10<sup>95</sup>

- Enter problem and answer on keyboard
- Green light for correct answers, red for wrong
- Includes booklet with exercises and denim carry bag. Requires one 9V battery.

60-3006 ..... 10.95



## Electronic Golf

26<sup>95</sup>

Try to Shoot a  
Round Under Par

Drive down the fairway and onto the green — watch out for sand traps and the "pond"! "Bleeps" when you sink a putt. For one or two players. Requires 9V battery.

60-2148 ..... 26.95



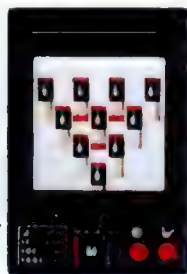
## Bowling-300

12<sup>95</sup>

Spares, splits and strikes  
without lifting a ball

Simply push the "pin" button, and then hit the "ball" button and see how many pins you've knocked down. Cover the hits, and then record the score on the included card, then take your second chance. Just like the real thing. Requires one 'C' battery.

60-2120 ..... 12.95



## 2-Player Electronic Baseball

NEW  
FOR '81

39<sup>95</sup>

Surprise Your Opponents  
With Different Pitches

Pitch slow/fast balls, left/right curves or change-ups. Time your swing by following path of pitched ball. With LED scoreboard and field display. Requires 4 "AA" batteries.

60-2157 ..... 39.95





# Unique AM Novelty Radios—They're Somethin' Else

## Archer Road Patrol® Bike Radios

AM with  
Electronic Horn

**19<sup>95</sup>**



Never Ride  
"Alone" Again

Adds to  
Cycling Fun

Fits most handlebars, yet removes easily for off-bike use or to prevent theft — bracket stays on bike. Pushbutton electronic horn. 6.3cm speaker, 8cm safety reflector in front, built-in antenna. 9x13x10cm. Requires 3 "C" batteries.

12-197 ..... 19.95

Budget AM

**14<sup>95</sup>**



Disconnects and reconnects quickly for portable use. Metal mounting bracket attaches to handlebar mount and fits most bikes. Weatherized case with 6cm speaker, earphone jack, and built-in antenna. 10x13x9cm. Requires 9V battery.

12-196 ..... 14.95

## Tandy AM Space Radio

**16<sup>95</sup>**

•Great gift and  
conversation piece  
•Kids'll love it

Orbit your favourite AM station with this futuristic spaceship. Rotary "dome" tuning, on-off volume control, AC adapter jack. 12cm diameter. 11cm high. Requires 9V battery. 12-958 ..... 16.95

## AM Telephone Radio

**19<sup>95</sup>**

•Uniquely styled  
to look like  
the real thing  
•23cm high

Say "hello" to the 80s with the look of the 20s! Hidden speaker in earpiece, switch-hook on-off control, mouthpiece volume control, and dial tuning. Requires 9V battery. 12-1921 ..... 19.95



## AM Rolls Royce Car Radio

**19<sup>95</sup>**

Perfect for Desk,  
Mantel, Shelf

A beautiful replica of the classic 1931 "Phantom II". The "spare tyres" are actually the tuning and volume controls. 25cm long. Requires 9V battery. 12-963 ..... 19.95



## AM Apple Radio

**12<sup>88</sup>**

"For the  
Apple of  
Your Eye!"

Great conversation piece, great gift. Side-mounted tuning wheel, hidden speaker, stem on-off volume control. Requires 9V battery. 12-959 ..... 12.88



## Cuddly "Pettable" Portable AM Radios

Raccoon

Pekingese

Cuddly Cat

Country Mouse

Comic Cat

Brown  
Spaniel

Rabbit

Low As **14<sup>95</sup>**

Kids just love these furry little friends with a radio hidden inside. Handy outside controls. Safe! Require 9V battery.

Description	Cat. No.	Each
Pekingese	12-967	15.95
Brown Spaniel	12-979	19.95
Country Mouse	12-975	16.95
Cuddly Cat	12-983	14.95
Raccoon	12-971	15.95
Comic Cat	12-9522	16.95
Rabbit	12-9000	16.95



# Tandy's Got Everything in Portable Radios



## Deluxe AM Pocket Radio

**14<sup>95</sup>**

- Slim-Line Design
- Integrated Circuit

The sensitive IC design makes for compact size and superior reliability. "See-through" volume dial is calibrated 1-10. Earphone and AC adapter jacks. Only 13x7x3cm. With wrist strap. Requires 4 "AA" batteries. 12-173 ..... 14.95  
AC Adapter 14-9521 ..... 7.95



**FM/AM  
36<sup>95</sup>**

**A Tandy FM/AM Headphone.** Lightweight for comfort, and the padded earcushions seal out noise. Rich, dual-speaker sound. Antenna is hidden in adjustable headband. Side-mounted controls. Requires 9V battery. 12-186 ..... 36.95

## Tandy FM/AM and AM Headphone Radios



*Listen While You Walk, Jog, Cycle, Do House or Yardwork. Or Enjoy the Play-by-Play of Broadcast Sporting Events*



**AM  
21<sup>95</sup>**

**B Tandy AM Headphone.** As above, but AM only. Requires 9V battery. 12-185 ..... 21.95



## FLAVORADIOS in 4 Colors

**8<sup>88</sup>  
Each**

*Four  
Luscious  
Flavours*

Add a special flavor to your listening with these pocketable, personal AM radios! They make great gifts, kids are crazy about them, and each includes an earphone and wrist strap. 9x7x4cm. Requires 9V battery. 12-166 ..... Each 8.88



## Low-Cost AM Pocket Portable Radio

**9<sup>95</sup>**

*Perfect  
"Extra"  
Portable*

Palm-sized, yet has excellent sound quality thanks to "push-pull" circuit and transformerless input and output. Large easy-to-read tuning dial. Rugged moulded case, earphone, and carrying strap. 11x7x3cm. Requires 9V battery. 12-167 ..... 9.95

## Budget AM "Mini" Pocket Radio

**12<sup>95</sup>  
Each**

- Slips Easily into Pocket or Purse
- Choice of Red or Black



An attractive slimline portable featuring slide-rule dial with logging scale, top-mounted tuning and on-off volume controls, handy wrist strap, brushed aluminium trim. 5x11x3cm. Requires 9V battery.  
**Black.** 12-171 ..... 12.95  
**Red.** 12-172 ..... 12.95

## Long-Range AM Portable

**39<sup>95</sup>**

*Pulls in Stations  
You've Never  
Heard Before*



The radio to have when you're miles from the nearest town or when you want to hear sports events broadcast only on out-of-town stations. Also great in "problem" reception areas like dorms and hospitals. Tuned FET-RF amplifier with 3-ganged capacitor for super sensitivity. Slide-action volume control, hi-lo tone switch, 8cm speaker, automatic battery/AC switching, external antenna jack. 19x23x8cm. With earphone. AC operation or requires 4 "C" batteries. 12-656 ..... 39.95

There's a Tandy Store or Dealer near you — wherever you are



# Good Listening "To Go" — Realistic® AM/FM Portables



**Deluxe "Take-Along" AM/FM Stereo  
Featuring Stereo-Wide Sound**

**79<sup>95</sup>**

*"Stereo-Wide" Circuitry E-x-p-a-n-d-s  
the Sound for Enhanced Stereo  
Depth and Channel Separation*



**Realistic Concertmate®**. The realism of stereo with the convenience of a one-piece portable. Twin 10 cm speakers for rich sound, rotary volume and tone controls, slide-action stereo balance control, LED FM stereo indicator, built-in FM-AFC, loudness switch for improved bass at low volume levels. Headphone jack. Automatic AC-to-Battery switching. 20x27x11cm. AC operation or 6 "D" batteries (not incl). **12-708 . . . . . 79.95**

## Pocketable AM/FM Radios

**GOOD**



**18<sup>95</sup>**

**Good.** A neat little radio with slide-rule tuning, side-mounted controls, 6cm speaker, built-in AM and telescoping FM antennas in a smart ruggedized case. 12x8x4 cm. With earphone, wrist strap. Requires 9V battery. **12-635 . . . . . 18.95**

**BETTER**



**22<sup>95</sup>**

**Better.** Dual ceramic filters for outstanding FM, 6cm speaker, telescoping FM and built-in AM antennas, side-mounted controls for easy one-hand operation. 12x7x2 cm. With earphone, wrist strap. Requires 9V battery. **12-609 . . . 22.95**

**BEST**



**24<sup>95</sup>**

**Best.** Compact, rugged, stylish. Easy-to-read slide-rule tuning, 6cm speaker, High/Low tone switch, built-in AM and telescoping FM antennas, built-in AFC. 13x8x4cm. With earphone, wrist strap. Requires 9V battery. **12-713 . . . . . 24.95**



# Personal Portables, Sound You Can Carry Around

## Deluxe AM/FM



**42<sup>95</sup>**

- Hi-Lo Tone Switch
- Earphone Included

## Popular Priced AM/FM



**34<sup>95</sup>**

*Oversize Handle for Comfortable Carrying*

## High-Style AM/FM



*Unique Shape 'n Size*

**34<sup>95</sup>**

*Side View*

Get outstanding reception at home or on the go! 7.6 cm speaker, AFC, slide-rule dial, automatic AC-to-battery switching, telescoping antenna. 20x23x6.3 cm. With earphone. AC operation or 4 "C" batteries.

12-667 ..... 42.95

Very stylish radio with a very easy-to-read "hi-rise" slide-rule dial, 7.6cm speaker, Hi/lo tone switch, built-in AFC, on FM, earphone jack. AC adapter jack. Requires 6 "AA" batteries (not incl). 23x18x7.6cm.

12-711 ..... 34.95  
AC Adapter. 65-731 ..... 7.95

Grab a handful of music and take it along. Rotary volume and hi/lo tone controls, easy-to-read slide-rule dial, built-in AFC on FM, 7.6cm speaker, earphone jack for privacy. Requires 6 "AA" batteries (not incl). 20x20x7.6 cm. 12-712 ..... 34.95



## Economical AM Radio

**19<sup>95</sup>**

*Fits Anywhere*

A simple but efficient solid-state receiver. The circuitry is designed to give you excellent AM reception with good sound quality. The moulded plastic case is acoustically matched to the high efficiency 9cm permanent-magnet dynamic speaker. Just plug into any power point and turn the radio on by rotating the volume control clockwise. Ideal for the kitchen, children's room, or office use.

12-686 ..... 19.95

Its Amazing the Range of Products And Services Available to You at Tandy!



# The Latest in All-Electronic LED Clock Radios



## Space-Saving Vertical Style AM/FM Digital

**59<sup>95</sup>**

Available Oct 15, 1980

- Auto-Dimmer Controls Clock Brightness
- High/Low Tone Switch • PM/Wake Indicators
- Feather-Touch Snooze and Sleep Buttons

**Chronomatic-219.** Elegant in appearance yet takes up very little space. Features radio and buzzer alarms plus a digital display that adjusts itself to changing room light conditions. Sleep button provides 59 minutes of music with auto-shutoff, and the snooze button gives you a few extra minutes of morning rest with each tap. Out-front 7.6cm speaker, AFC and ceramic filter for superb FM, slide-action volume control, buttons for fast/slow/seconds time set. Terminals for external FM antenna. 15x25x7.6cm. 12-1524 ..... 59.95

## Compact Low-Silhouette AM/FM Digital

**51<sup>95</sup>**

- High/Low LED Dimmer Switch • Lighted Dial
- Top-Mounted Snooze, Sleep and Time Set Buttons

**Chronomatic-211.** All the popular features in a very compact size. Wakes you to radio or buzzer alarm and boasts fast/slow time set buttons, on-top 7.6cm speakers, handy side-mounted tuning and volume controls, AFC and ceramic filter for superior FM, earphone jack. 6.3x23x11 cm. 12-1516 ..... 51.95

## Our Most Compact AM/FM Digital

**54<sup>95</sup>**

- Just the Right Size for Nightstand or Kitchen Shelf
- High/Low LED Dimmer • LED PM/Wake Indicators

**Chronomatic-214.** Start your day with a musical wakeup call, or a buzzer from a radio measuring a mere 6.0x20x15 cm. Clock has fast and slow time set buttons, snooze and 59-minute sleep controls, lighted dial with illuminated LED pointer, 7.6cm speaker. Earphone jack for listening privately. 12-1521 ..... 54.95

## Compact AM/FM Digital On a Budget

**47<sup>95</sup>**

- All Clock Controls Conveniently Grouped On Top
- High/Low LED Dimmer • LED PM/Wake Indicators

**Chronomatic-220.** Rise 'n shine to your favourite radio station. Clock features a 59-minute sleep control plus fast and slow time set controls. Radio has 7.6cm speaker, AFC to prevent FM drift, ceramic filter to cut FM signal interference and earphone jack. 6.3x22x13 cm. 12-1527 ..... 47.95



## Space-Saving AM Clock Radios

### AM Digital Fits Almost Anywhere



**39<sup>95</sup>**

Measures Only  
6.3x18x10 cm

**Chronomatic-212.** Wakes you up to AM radio or buzzer alarm. Clock has sleep and snooze controls, fast-slow time set, PM and wake indicators. Radio has 6.3cm speaker. 12-1517 ..... 39.95

### Standard Clock Face with Second Hand

**29<sup>95</sup>**

Giant Easy-to-See  
Numerals



**Chronomatic-10.** Wakes you to music followed by alarm. Recessed tuning and volume controls, 8.8 cm speaker. An ideal "2nd" clock radio. 13x18x12 cm. 12-1464 ..... 29.95



# Special-Feature Electronic Digital Clock Radios

**AM/FM Dual-Alarm  
Digital with  
Calendar Display**

**69<sup>95</sup>**

**NEW  
FOR '81**



- 2 Wake-Up Settings & Alarms
- Fluorescent Time Display
- Forward/Reverse Time Set
- Snooze Control • Hi/Lo Dimmer
- Lighted Slide Rule Dial
- AM/PM Indicator • Seconds Display

**Chronodate® -217.** More features, more value than any clock radio we've ever offered. Two-alarm wake-up system is a real bonus for folks who get up at different times. Features snooze and 59-minute sleep controls, displays month and date — and even keeps time in another time zone. Radio has 8.8 cm speaker, AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna. Visible and audible power failure indicators. 11x32x17 cm. 12-1518..... 69.95

**Wakes You to Music, Alarm or Both —  
Music Followed by Beep Alarm**

## Fluorescent AM/FM Digital with Calendar

**58<sup>95</sup>**

- AM, PM and Wake-Up Indicators
- Press Snooze Bar for Month/Date

**Chronodate-209.** Wake to radio or buzzer. Clock has hi/lo dimmer, month/hour and day/minute display, snooze and 59-minute sleep controls. Radio has 8.8cm speaker, AFC and FM ceramic filter, lighted dial, earphone jack. 8.8x26x14 cm. 12-1519..... 58.95

## AM/FM with Extra-Large LED Display

**56<sup>95</sup>**

- LED AM, PM and Wake Indicators
- Fast and Slow Time Set Controls

**Chronomatic-213.** Features both buzzer and radio alarms. Clock has hi/lo dimmer, 59-minute sleep switch and snooze control. Radio has 8.8cm speaker, AFC and ceramic filter on FM, slide-rule dial, earphone jack. 8.8x26x14cm. 12-1520..... 56.95

## Fluorescent-Display AM/FM Stereo

**79<sup>95</sup>**

**NEW  
FOR '81**

- AM, PM and Alarm Indicators
- Stereo Headphone Jack

**Chronomatic-218.** Start your day in eye-opening stereo or with a buzzer. Features 59-minute sleep control, high/low dimmer, snooze, fast-slow time set. Radio has twin side-mounted 7.6cm speakers, AM/FM ceramic filter, FM-AFC, terminals for external FM antenna. 10x32x16 cm. 12-1526..... 79.95



**All Realistic Clock Radios Feature Impact-Resistant Moulded Cases and Built-in Antennas**



# The "World" is Yours with a Realistic® Portable

**6-Bands — Including CB, Public Service Aircraft**



CB  
AM • FM  
VHF-Lo  
VHF-Hi/Air  
UHF

**119<sup>95</sup>**

•Squelch Control •Dual Antennas •Pushbutton Dial Light

**Patrolman® CB-60.** Hear CB, Public Service, aircraft, plus AM and FM. Adjustable squelch control eliminates background "hash" on CB/UHF/VHF, all-band fine-tuning for easy station selection. Dual telescoping CB and UHF/VHF/FM antennas. 10 cm speaker, dial light button, external FM/VHF antenna jack, headphone jack. Bands: 450-512 MHz UHF; 108-174 MHz VHF-Hi/Air; 30-50 MHz VHF-Lo; all CB Channels AM; FM. Automatic AC-to-battery switching if AC power fails. 27x30x10 cm. AC operation or 4 "C" batteries (not included). 12-766 ..... **119.95**

**5-Bands—Including Public Service**



**89<sup>95</sup>**

•Adjustable Squelch on VHF and UHF  
•Tone Control •Headphone Jack

**Patrolman-50.** Hear Public Service, aircraft, standard AM and FM. Has a 8.8cm speaker, built-in AM and UHF antennas, jack for external FM/VHF antenna. Bands: 30-50 MHz VHF-Lo and 108-174 MHz VHF-Hi/Air; 450-512 MHz UHF; AM; FM. 23x28x8.2cm. AC operation or 4 "C" batteries. (not incl). 12-776 ..... **89.95**

## A. Action-Packed Shortwave Portables



**6 Bands**

**A. Realistic DX-60.** 3-26 MHz shortwave in 3 bands, all CB channels plus AM and FM. All-band fine-tuning, 10 cm speaker, headphone jack, built-in AM antenna, 76 cm telescoping whip antenna for FM/CB/SW, jack for external FM/SW antenna. Auto AC-to-battery switching. 26x30x10 cm. AC operation or 4 "C" batteries (not incl). 12-764 ..... **89.95**



**4 Bands**

**B. Realistic DX-40.** Standard AM and FM plus 4-12 and 12-22 shortwave bands. Slide-action volume and tone, 8.8cm speaker, built-in AM antenna, telescoping whip for FM/SW, jack for external FM/SW antenna. Automatic AC-to-battery switching. With earphone. 30 x18x9.1cm. AC operation or 4 "C" batteries (not incl). 12-775 ..... **59.95**

**VHF Aircraft and AM**

**22<sup>95</sup>**



Listen to  
Planes and  
Towers "Talk"



**Jetstream® -Mini.** Tune aviation communications on 108-135 MHz or your favourite AM stations. Telescopic VHF antenna, built-in AM antenna. 11x6.9x3.4 cm. With earphone and carry strap. Requires 9V battery.

12-608 ..... **22.95**



# Tandy Reference Books Keep You in Touch



## COMPUTER TECHNOLOGY

**Beginning Computers.** For the novice. Subtitles, diagrams, photos. 49 pages. **62-2003** ..... 1.75

**BASIC Computer Games.** 84 games for solo and group play. 192 pages. **62-2004** ..... 6.95

**TRS-80 Assembly/Language Programming.** Computer hardware, software, microcomputers. 304 pages. **62-2006** ..... 3.95

**The BASIC Cookbook.** Teaches BASIC so you can program a microcomputer. 116 pages. **62-2007** ..... 2.95

**57 Practical Programs and Games in BASIC.** Includes blackjack, space-war, straight-line depreciation, compounding. 204 pages. **62-2008** ..... 3.95

**Understanding Digital Electronics.** Explains digital electronic devices, circuits, and systems. 240 pages. **62-2010** ..... 2.95

**BASIC Computer Programming.** Intro to computers, writing programs. 156 pages. **62-2015** ..... 2.95

**BASIC Computer Language.** Includes both programmed instruction and user programs. 232 pages. **62-2016** ..... 5.95

**Understanding Microprocessors.** Learn what microprocessors are and how they can be used. 296 pages. **62-2017** ..... 2.95

**Understanding Digital Computers.** Easy-to-read programmed course on digital computer basics. 160 pages. **62-2027** ..... 4.95

**Level II Programming.** Examples of Level II BASIC routines for the TRS-80 Model I. 351 pages. **62-2061** ..... 9.95

**Level II Programming Techniques.** Supplement to Level II Programming. Common BASIC operations. 142 pages. **62-2062** ..... 4.95

**TRS-80 Graphics.** How to create graphic displays with TRS-80. From line drawings to geometrics to moving-figure animation. 142 pages. **62-2063** ..... 5.95

**TRS-80 Programs.** 32 fully-documented programs ready-to-run on a TRS-80. Suggested program changes, too. 267 pages. **62-2064** ..... 5.95

**How to Program the Z80.** Educational text and self-contained reference. From basic concepts to advanced data structures manipulations, with comprehensive description of all Z80 instructions. 626 pages. **62-2066** ..... 10.95

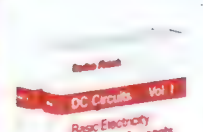
## CB-SWL-HAM

**Shortwave Listener's Guide.** A must for any shortwave listener! Lists stations by country, city, call letters, frequency, power and transmission times. Includes log. 128 pages. **62-2032** ..... 2.25

**CB-SWL-HAM Log Book.** All-purpose! Keep an accurate account of stations heard. Tables for recording frequency, call letters, date, time. 64 pages. **62-2034** ..... 1.75

**From 5 Watts to 1000.** A programmed course to take you from CB to HAM radio in easy-to-understand sections. Theory, test questions, tips to learn code, and much more. 154 pages. **62-2056** ..... 2.95

## TANDY BOOKS ARE WRITTEN BY RESPECTED EXPERTS IN THEIR FIELD



**Basic Electricity**

*For the Beginning Electronics Student*

**6<sup>95</sup>**

Both for

**Each**

**10<sup>88</sup>**

**Volume I.** Introduction to electricity, voltage, Ohm's law, parallel circuits. **62-2019** ..... 6.95

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**Understanding Calculator Math.** Description of basic mathematics using the electronic calculator. 240 pages. **62-2009** ..... 2.95

**Understanding Electronic Communications Systems.** Description of the basic means of electronic communications. Describes how the various systems work. 256 pages. **62-2018** ..... 2.95

**Understanding Solid-State Electronics.** A 12-lesson, self-teaching course in semiconductor theory by Texas Instruments Learning Center. 242 pages. **62-2035** ..... 2.95

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**Guide to Stereo High Fidelity.** Perfect intro to component stereo systems, as well as a handbook for the advanced user. Discusses speakers, amplifiers, record players, tape decks, headphones, FM, 4-channel, assembling a system. 175 pages. **62-2029** ..... 1.95

**Guide to VOMs and VTVMs.** Describes difference between the two, tells how to service radio, TV, hi-fi, Amateur and CB radios, and more. 96 pages. **62-2039** ..... 1.95

**Introduction to Antennas.** Comprehensive, easy-to-understand guide. Explains how CB, TV, radio, shortwave antennas are designed. How to choose and install antennas. 128 pages. **62-2051** ..... 1.95

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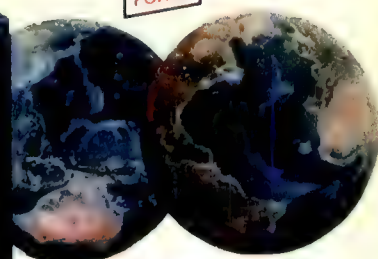
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# Tune In Worldwide News, Views, Action and Music



**NEW  
FOR 81**



## 4-Band General Coverage Receiver

- Variable BFO for Receiving Single Sideband and Code
- Fine-Tuning Control Helps Separate Closely Spaced Signals
- Large Illuminated Main Tuning Dial and Signal Strength Meter

**129<sup>95</sup>**

**Realistic® DX-100** A great way to get started in a fascinating hobby! This easy-to-operate receiver brings you exciting global listening at a very affordable price. Tunes 520 kHz to 30 MHz in four bands, and has variable-pitch BFO for single sideband (SSB) and code (CW) reception. Automatic noise limiter reduces impulse-type interference, and a ceramic IF filter cuts signal interference on crowded bands. 1/4" headphone jack. FET front end pulls in even the weaker stations. Up-front speaker for clean, clear sound. 15x30x20 cm. AC operation. **20-206 ..... 129.95**

## 5-Band Communications Receiver

**249<sup>95</sup>**

### Frequency Coverage

150-400 kHz	Longwave
520-1600 kHz	Standard AM
1.55-4.5 MHz	Shortwave
4.5-13 MHz	Shortwave
13-30 MHz	Shortwave



- Easy to Read Lighted Drum-Type Dials for Main and Bandsread Tuning
- Crystal Calibrator • Low-Noise MOSFET RF and Mixer Stages • 5-Element Ceramic Filter

**Realistic DX-200.** Explore the world right at home! This feature-packed receiver has calibrated bandspread for easy tuning of the 60, 49, 31, 25, 19, 16 and 13-meter international broadcast bands, the 80, 40, 20, 15, 10-meter ham bands and CB. Built-in quartz-referenced 500 kHz calibrator makes tuning precise. Main tuning dial has LED band indicators and adjustable cursor for quick calibrating. RF gain control adjusts receiver for best signal sensitivity. Antenna trim control provides best reception from any antenna. Variable-pitch BFO and Fast/Slow AGC control for outstanding SSB performance. Switchable automatic noise limiter for AM. Front panel 1/4" headphone jack. Up-front speaker and powerful IC audio stage for clear sound. Rear panel jack for external speaker, terminals for antenna and ground. 15x37x20 cm steel cabinet with moulded front. AC operation. **20-205 ..... 249.95**

**NEW  
FOR 81**

### Specifications

**Sensitivity:** 1  $\mu$ V for 10 dB S/N ratio. **Selectivity:**  $\pm$  4 kHz, -6 dB,  $\pm$  8 kHz, -40 dB **RF Gain**  
**Control Range:** 80 dB at 7 MHz **Receiving System:** Single conversion, 455 kHz IF **Calibrator Accuracy:** 20 ppm **Power Requirement:** 240 VAC, 50 Hz



# Our Best! Digital Readout Communications Receiver



**Super-Accurate  
Quartz-Locked  
Tuning**

**Wide/Narrow  
IF Selectivity  
Switch**



**3-Way Power: AC, 12VDC  
Or Internal Batteries**



**Built-In  
Code Practice  
Oscillator**



**NEW  
FOR '81**

## Continuous Coverage from 10 kHz to 30 MHz

- Triple Conversion Quartz-Locked Circuit for "On the Nose" Tuning Accuracy
- LED Frequency Display • Dual-Gate MOSFET Mixers for Low Noise, High Sensitivity

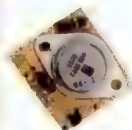
# 449<sup>95</sup>

### Specifications

**Sensitivity for 10 dB Signal-to-Noise Ratio:** AM, 30  $\mu$ V at 50 kHz, 1  $\mu$ V at 900 kHz, 0.5  $\mu$ V at 3.1 MHz and above. SSB, 15  $\mu$ V at 50 kHz, 0.5  $\mu$ V at 900 kHz, 0.3  $\mu$ V at 3.1 MHz and above. **Selectivity:** Wide,  $\pm 3.5$  kHz, -6 dB;  $\pm 6$  kHz -60 dB. Narrow,  $\pm 2.5$  kHz, -6 dB;  $\pm 4.0$  kHz, -60 dB. **Frequency Stability:** Within 1 kHz per hour after 60-minute warm-up. **Power Requirement:** 240 VAC or 12VDC neg. gnd. or 8 internal "C" cells (not incl)

**Realistic DX-302.** Our finest and most versatile! Operates on AC, 12VDC or internal batteries, and a bright 5-digit LED readout lets you tune *directly* to stations — no calibration is required! A tunable 6-band preselector, with LED band indicators and lighted dial, assures peak sensitivity. To help separate closely-spaced signals, the "302" has six and nine-element ceramic filters, controlled by the wide/narrow IF selectivity switch. RF gain control and 3-step RF attenuator prevent strong signal overloading. Function switch selects lower sideband, upper sideband, standby, AM and AM-ANL (automatic noise limiter) modes. Variable-pitch BFO for easy CW and SSB tuning. Up front speaker and headphone jack. Rear panel jacks let you connect an external speaker, a code key, tape recorder or amplifier. For portable operation, there's even a convenient recessed handle and a dial light switch to conserve batteries. 15x37x25 cm. The receiver that has it all — and lets you enjoy it anywhere! Includes whip antenna and 20-page manual. **20-220** ..... **449.95**

## Top-Quality Accessories for a Complete Listening Post



**Code Oscillator  
Module**

**A**

**B**

**Morse Code  
Practice Set**

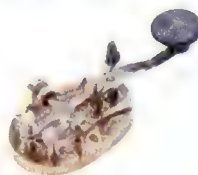
**A Code Oscillator Module.** Fully assembled — just add a key, speaker or headphones and a 1½V battery. **20-1155** ..... **3.95**

**B Code Practice Set.** Key has adjustable tension and contact spacing. Buzzer sounder with output for headphones. Requires one "D" battery. **20-1087** ..... **5.95**

**Brass Hand Key**

**Fully Adjustable 5<sup>95</sup>**

Adjustable spring and contacts. Ball bearing pivots. **20-1084** ..... **5.95**



**Shortwave  
Antenna  
Kit 14<sup>95</sup>**



Complete outfit for long-distance reception: 23 m copper antenna wire, insulated lead-in, standoff and "egg" insulators, under window feedthrough. **278-758** ..... **14.95**

**Communications  
9<sup>95</sup> Headphones**

Adjustable headband and padded earcushions for comfortable listening. Mono-phonetic. 4-16 ohms. Std. ¼" plug. **20-200** ..... **9.95**



**Code Instruction  
Cassette**

**With Manual 7<sup>95</sup>**

12 self-paced lessons to 15 words per minute. For all cassette players. **20-026** ..... **7.95**



**We service what we sell — Over 200 Tandy Stores and Dealers nationwide!**



# Shop Tandy! For Calculators to Fit Every Need

## Palm Size LCD Micro

*Mini in Size  
But Packed with  
Features You Need*

**24<sup>95</sup>** Includes  
Fitted  
Carrying  
Case

Less Than  
5mm Thin

**Radio Shack® EC-265.** Convenient 4-key memory lets you store and recall numbers with the push of a key. Percent, square root and plus/minus functions plus keys for on/clear and off. Includes silver oxide batteries for over 2000 hours of operation. 65-672 ..... **24.95**

## Checkbook Size LCD With Memory

With Case Less Than  
10mm Thin

4-Key Memory,  
Square Root and  
Percent Keys

**17<sup>95</sup>**

**Radio Shack EC-258.** Now you can handle lengthy financial problems with ease. Calculator figures percentages, adds and subtracts in memory. Large 8-digit LCD display is easy to read even in direct sunlight. With silver oxide batteries that last for 1200 hours of operation. 65-626 ..... **17.95**

## Deluxe LCD with 4-Key Memory

**22<sup>95</sup>**

*Features Auto-Shutoff to  
Save Batteries Plus  
Square Root, Percent  
and Sign-Change Keys*

**Radio Shack EC-269.** Handle lengthy financial and arithmetic problems with ease. Big, easy-to-use keys. Large 8-digit display with overflow and memory indicators. Includes silver oxide batteries that easily last 2000 hours! 65-676 ..... **22.95**

## 8-Digit LCD Calculator with Memory

**16<sup>95</sup>**

- Great for Home, School, Work
- Percent and Square Root Keys
- Auto-Constant

**Radio Shack EC-267.** Hand-held type, yet has an easy-to-read liquid crystal display! Features full 4-key memory, change-sign key, overflow, error and memory indicators. Requires 2 "AA" batteries. 65-674 ..... **16.95**

Includes  
Fitted  
Carrying  
Case

## Miniature LCD With Memory

Less Than  
5mm Thin

**19<sup>95</sup>**

*Auto-Shutoff Turns  
Calculator Off after  
7 Minutes to Save  
Wear on Batteries*

*Large Key-Tops Reduce  
Entry Errors*

**Radio Shack EC-268.** Simple-to-operate 3-key memory allows easy storage and recall of numbers. Percent, square root, division, multiplication and plus/minus functions plus keys for on/clear and off. Includes batteries for 1000-hour life. With case. 65-675 ..... **19.95**

## Low-Cost LCD Display

- Easy-to-Read Power Saving LCD Display
- Approximates Results in Excess of 8 Digits

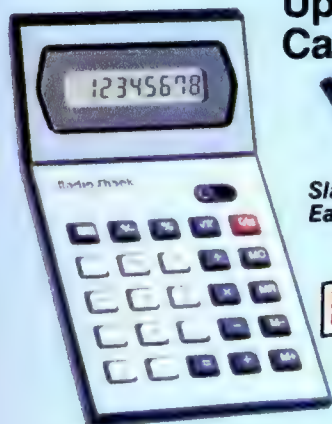
*Slanted Display Allows  
Easy Reading of Digits*

**9<sup>95</sup>**

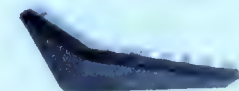
**Radio Shack EC-202.** A lot of calculating power for very little money. Has one touch percent key, total memory key plus division, multiplication, plus/minus keys and keys for clear and off. Requires 9V battery. 65-602 ..... **9.95**



# Practical and Fun! Unique "Personal" Calculators



## Up-to-the-Second LCD Calculating Timepiece



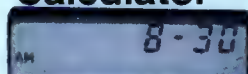
**Slanted Display Allows Easy Reading of Digits**

**NEW FOR '81**

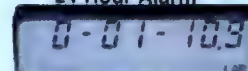
- $\pm 3$  Seconds Per Day Accuracy
- LCD for Low Power Consumption
- 8000-Hour Battery Life
- 8-Digit Readout

**29<sup>95</sup>**

## LCD Minicard Alarm Clock Stopwatch-Calendar-Calculator



24-Hour Alarm



Stopwatch



Time/Day/Date



**Less Than 5mm Thin**

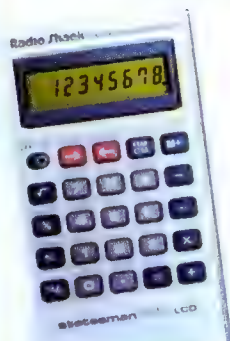
- Stopwatch is Quartz-Accurate to  $\frac{1}{10}$  Second
- Measures Lap and Net Time to 10 Hours
- 24-Hour Alarm • 4-Key Addressable Memory

**39<sup>95</sup>**

**Radio Shack EC-305.** A calculator and clock in one pocket-sized case. Display reads hours, minutes, seconds and PM. Or press the AC key to calculate square roots, percents, reciprocals, exponential functions and plus/minus, multiplication and division plus time calculations. Clock functions not affected by calculations. Requires 2 "AA" batteries. **65-695 . . . . . 29.95**

**Radio Shack EC-302.** A pocket information center. Eight-digit calculator features constant, percent, add-on/discount and square root capability. Indicators for AM/PM, alarm-set stopwatch lap/stopped, minus, overflow. Includes batteries that last 5000 hours or more. With instructions, case. **65-692 . . . . . 39.95**

## Novelty Calculators for Work and for Play — Only at Tandy



### Metric Conversion Calculator

**29<sup>95</sup>**

- 8-Digit LCD Display
  - Convert English to Metric Instantly
- Radio Shack EC-9800.** Performs 28-metric conversion functions (14 reversible) including in  $\rightarrow$  cm, lb  $\rightarrow$  kg, F  $\rightarrow$  C. Features independent memory, basic arithmetic operations plus percent and square roots. Includes batteries that last for 4000 hours! With case. **65-9800 . . . . . 29.95**

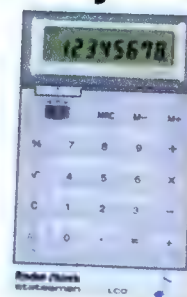
### Mathematical Music Master

**29<sup>95</sup>**

**NEW FOR '81**

- Automatic Shutoff
- Retains Memory When Power Is Off

**Radio Shack EC-310.** "Play the numbers" for math and music. Create original compositions in  $\Delta$  mode with 11 melodic tones. Or switch to CAL mode for four basic functions plus square root, percentages. Includes batteries that last for 1500 hours! With case. **65-698 . . . . . 29.95**



Available Sept. 30, 1980



### "It's Written In the Stars!" Astrological Computer

**49<sup>95</sup>**

- Great Party Entertainment
- Handy Calculator

**NEW FOR '81**

Goes far beyond the ordinary newspaper horoscope. Just enter birthdate and it computes the position of the planets and their influence on that day. Compare personalities. Also gives daily horoscopes. Requires 2 "AA" batteries. With case. **65-801 . . . . . 49.95**

### Amazing Biorhythm Computer/Calculator

- Watch for "Critical" Days
  - Doubles as a 4-Function Calculator
- 39<sup>95</sup>**

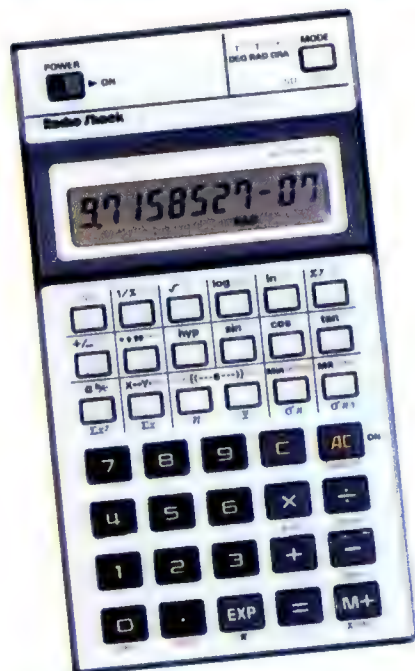
Charts physical, emotional and intellectual cycles — could even avoid an argument or catching a cold on a bad day. Compare cycles of friends. Calculates biorhythms for past, present, or future dates. Requires 2 "AA" batteries. With case. **65-802 . . . . . 39.95**



**There's A Tandy Store or Dealer Near You — Wherever You Are**



# Tandy Calculators with Professional Features

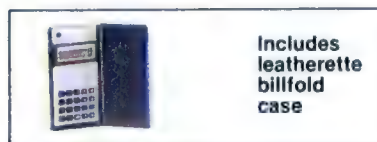


## LCD Full Scientific Calculator

**49<sup>95</sup>**

NEW  
FOR 81

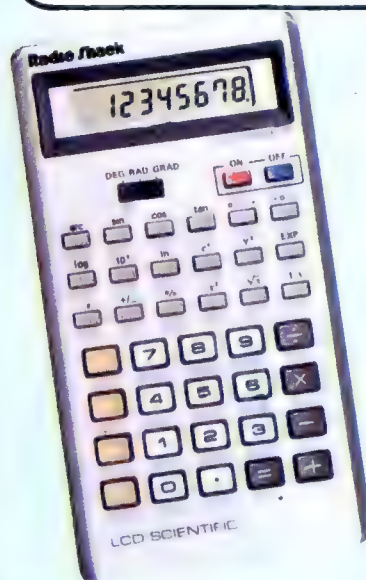
- Automatic Power-Off Function With Memory Retention
- Includes Billfold Case
- 1000-Hour Battery Life



Includes  
leatherette  
billfold  
case

**Radio Shack EC-499.** All the math power you'll need for complex problems in business, engineering or science are in this powerful calculator. Ten or 8-digit mantissa with exponents up to  $10^{\pm 99}$ . Six levels of parenthesis, 50 scientific functions, independent memory and more. With batteries.

65-655 ..... 49.95



## Low-Cost LCD Scientific

**21<sup>95</sup>**

NEW  
FOR 81

*Perfect for  
Math Students*

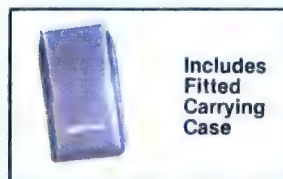
Includes  
leatherette  
billfold  
case

**Radio shack EC-476.** The scientific calculator for students. Forty single-function keys make it really easy to use! Eight-digit display with 5-digit mantissa in scientific notation mode. Independent memory register, automatic constant operations plus degree/radian/grad switch for statistical functions. With 1000-hour batteries.

65-656 ..... 21.95

## LCD Scientific with Memory

**39<sup>95</sup>**

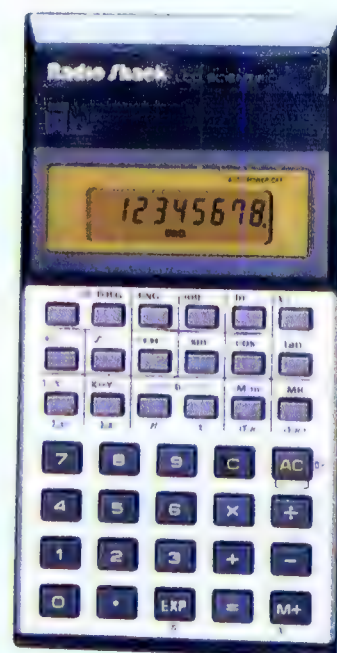


Includes  
Fitted  
Carrying  
Case

*Perfect for Advanced  
Math Students*

**Radio Shack EC-498.** Computes all trig and log functions plus their inverses. Eight-digits with automatic shift to scientific notation (6-digit mantissa and 2-digit exponent). Memory, Auto-Constant, Auto-Shutoff. Six levels of parenthesis and standard deviations. Requires 2 "AA" batteries.

65-654 ..... 39.95

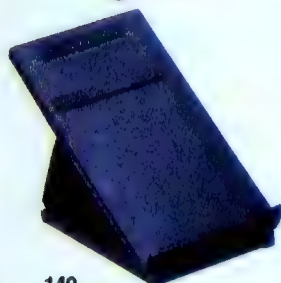


## Low-Cost Calculator Stand

*Adjustable  
Angle*

**2<sup>29</sup>**

Instantly adapts any pocket calculator to convenient desk-top use. Adjustable angle, non-slip feet. 65-705 ..... 2.29

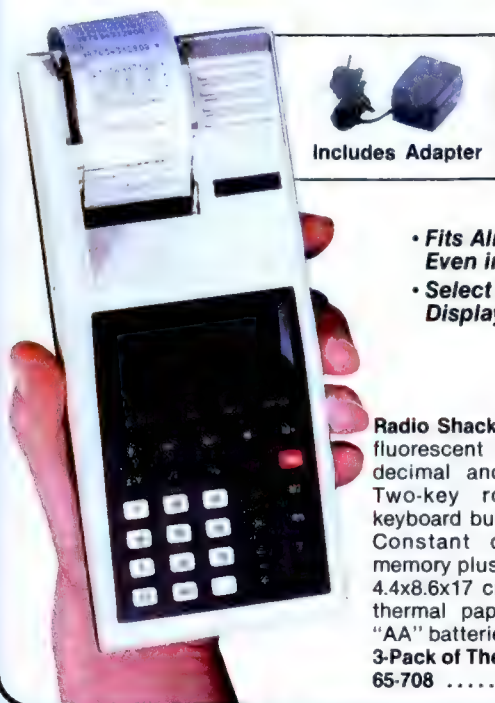


**Tandy Calculators Feature A One Year Parts and Labour Warranty**



# Calculators for Home or Office from Tandy

## Hand-Held Printing/Display Calculator with Case



Includes Adapter

**99<sup>95</sup>**

- Fits Almost Anywhere, Even in a Briefcase
- Select Display Only or Display with Printout

**Radio Shack EC-3005.** Twelve-digit fluorescent display with floating decimal and overflow indicator. Two-key rollover and 6-level keyboard buffering, auto-rounding. Constant capability. Four-key memory plus separate percent key. 4.4x8.6x17 cm. AC adapter, roll of thermal paper, case. Requires 4 "AA" batteries. 65-648 ..... **99.95**  
**3-Pack of Thermal Paper**  
 65-708 ..... **1.99**

## Printing/Display Calculator with 4-Key Memory

**129<sup>95</sup>**

*Tape Gives Lasting and Easy-to-Follow Record*



**0.12345678901**

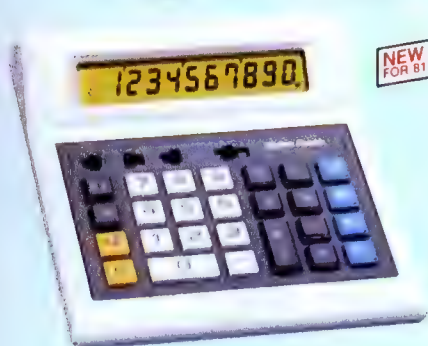
**Brilliant 12-Digit Display for Easy Reading**

**Radio Shack EC-3002.** Combines the convenience of a big fluorescent display with a printed tape. Four-key dual memory lets you store calculations, then recall and use them again. Add register simplifies extensions and invoicing. Percent key and "#" non-add key. 7.6x23x25 cm. With one roll of thermal paper. 65-645 ..... **129.95**  
**3-Pack of Thermal Paper.** 5.7cm x 27 m each. 65-706 ..... **3.95**

## 10-Digit LCD Desktop

## Desk Calculator with Memory

## Economical LCD Desktop



**NEW FOR 81**

- Slant Display for Better Visibility
- Gross Profit Key

**39<sup>95</sup>**

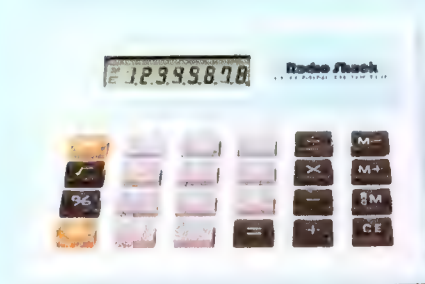
**Radio Shack EC-2002.** Special features make it ideal for business or personal use! Four-key memory lets you add and subtract within memory. Percentage and square root keys, floating or fixed decimal point. 3.1x14x16 cm. Requires 2 "AA" batteries for 3000-hours of use. 65-661 ..... **39.95**



**29<sup>95</sup>**

- 4-Key Memory
- 10-Digit Display
- Gross Profit Margin Key

**Radio Shack EC-2001.** Features  $\Delta$  % key to figure percent of change, item key, overflow indicator, negative and memory indicators. 4.7x15x16 cm. Requires 2 "D" batteries. 65-660 ..... **29.95**  
**AC Adapter.** 14-9521 ..... **7.95**



**The smallest Calculator with a Full-Size Keyboard That We Know of — Only 12x12x3.8cm**



**Slant Display**

**NEW FOR 81**

**19<sup>95</sup>**

**Four-Function Memory**

**Radio Shack EC-2003.** Features 8-digit display and percent key with automatic add-on and discount. Square root key, full floating decimal point. Requires 2 "AA" batteries. 65-662 ..... **19.95**

**Tandy Electronics Guarantees Every Purchase**



# The Amazingly Expandable TRS-80



- Completely Wired and Ready to Operate
- Easy-to-Learn BASIC Computer Language
- Begin with the Minimum System — Expandable at Any Time

From

**699<sup>00</sup>**

Tandy/Radio Shack's TRS-80 has become the leader in today's microcomputer market. Thousands of satisfied customers have applied the TRS-80 to their own needs — whether its balancing chequebooks, inventory control or education. Designed and manufactured in the USA by Tandy. TRS-80 is 100% wired and tested so you can put it to work immediately! It's ideal for finances, education, accounting, laboratory — even games at home. Choose the basic Level I 4K system and expand it as your needs increase, or start with a more powerful system. Expansion is easy due to TRS-80's modular design, so there's no problem when you want to add a printer, extra memory or any of the other TRS-80 accessories. All systems include a 12" video monitor. Realistic battery AC cassette recorder, 232 page user's manual and a 2-game cassette.

Description	Cat. No.	Retail
Level I, 4K RAM	269-9051	699.00
Level I, 4K RAM Green Monitor	269-8051	749.00
Level I, 16K RAM	269-9053	989.00
Level II, 4K RAM	269-9054	879.00

Level II, 16K RAM	269-9056	1169.00
Level II 16K RAM Green Monitor	269-8056	1219.00
System Dust Covers	269-501	12.95
Lower Case Kit	269-1104	99.95
Level II ROM Kit	269-1120	180.00
Green Monitor	269-9202	230.00

## Accessories To Make Your TRS-80 More Versatile

### TRS-80 Expansion Interface

From

**479<sup>00</sup>**

- Add Another 16K or 32K of RAM
- Attaches Printers, Disk Drives, RS-232, More

The hub of expanded TRS-80 computer systems. There's also space for the optional RS-232-C serial port as well as an extension of the TRS-80 bus. Add up to 4 Mini Disk drives, a printer and dual cassette recorders. Allows "Real Time Clock" function.

Expansion Interface with 0 RAM. 269-1140	479.00
Expansion Interface with 16K RAM. 269-1141	699.00
Expansion Interface with 32K RAM. 269-1142	919.00
Expansion Interface Memory Kit. 269-1102	220.00



### Mini Disk Systems Add Speed and Storage

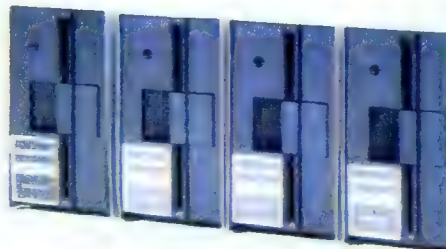
- Add Up to 4 Disk Drives to Your TRS-80
- Allows 55K to 310K Bytes of On-Line Storage

**699<sup>00</sup>**

Drive #1

Get immediate access to the large amounts of data and programs needed for accounting, inventory control and other jobs. Your first Mini Disk drive includes powerful TRSDOS and Disc BASIC on diskette. Data is stored on magnetically coated 5 1/4" diameter Mylar diskettes permanently housed in a protective jacket. A diskette inserted in the drive rotates at 300 RPM while magnetic head reads or stores information. 16x8.8x37 cm.

Mini Disk Drive 1. 269-1160	699.00
Mini Disk Drive 11, 111, or 1V. 269-1161	Each 679.00
Mini Disk Drive Dust Cover. Two Covers. 269-502	9.95





# TRS-80® Accessories Expand Your System

## TRS-80 Computer Carrying Case

**159<sup>95</sup>**

*Carry Your System  
Safely and Conveniently*

One case holds the monitor, the other holds keyboard unit, power supply, cassette recorder, cables and cassettes. Black leatherette vinyl. Hand carry only — not for shipping.  
269-500 ..... 159.95



## CTR-80 Cassette Recorder

Ideal for loading and recording cassette programs and data.  
269-1205 ..... 59.95  
Certified Digital Tape. C-20  
269-0301 ..... 3.95



## Numeric Keypad Kit

**89<sup>95</sup>**

*Add This Convenient Feature  
To Your Existing TRS-80*

Keys for numerals 0 to 9, decimal point and enter. Price includes new keyboard bezel. No cutting required! 269-1031 .. 89.95



## 5 1/4" Mini Diskettes

Individually tested against defects.

Single Diskette. 269-0305 .. 7.95  
Diskette 3-Pack. 269-0405 .. 21.95



## TRS-80 Manuals

Level II BASIC. Ref.  
269-2102 ..... 5.95  
DOS/Disk BASIC.  
269-2104 ..... 5.95  
Video/Programming  
Worksheets (100)  
269-2105 ..... 5.95

## Diskette Case

Holds up to 10 diskettes.  
269-1452 ..... 6.95

## Diskette Box

Protects up to 50 mini-diskettes. Adaptable for cassettes. Boxes are stackable. 16x25x19 cm.  
269-1450 ..... 29.95

## Convenient System Desk

**399<sup>95</sup>**

*Especially  
Designed  
for Model I  
Systems*



This attractive, sturdy and very functional desk is ideal for business, lab and school TRS-80 users. Keyboard and Expansion Interface fit into recessed spaces on top and interconnected wiring is concealed. Deluxe "comfort-edged" front. 68x122x68 cm — add a printer and you've still got plenty of workspace! 269-1301 ..... 399.95

## Universal Printer Stand

**169<sup>95</sup>**

This heavy-duty stand is designed to match TRS-80 systems.  
269-1308 ..... 169.95



## Model I "Space-Saver" Desk

**129<sup>95</sup>** *Designed to  
Fit in Tight  
Places*

Attractive, inexpensive, "mini-system" desk.  
96x60 cm.  
269-1304 ..... 129.95



## The Network I Controller

**699**

*The Latest  
Classroom  
Breakthrough in  
TRS-80 Instruction!*



The Network I Controller lets teachers control and monitor up to 16 TRS-80's from a TRS-80 equipped with at least one mini-disk drive. All TRS-80's should have resident Level II BASIC. Controllers may be cascaded to connect more than 16 students. Cables included.  
269-1210 ..... 699.00

## RS-232C Serial Interface

**139<sup>95</sup>**

*EIA Standard*

Mounts inside Expansion Interface and lets you add a variety of accessories to TRS-80. With connecting cable, tape program for using TRS-80 as a terminal and manual.

269-1145 ..... 139.95  
Communications Software. 269-1146 .. 59.95



## TRS-80 Voice Synthesizer

**499<sup>95</sup>**

*Now—Program Your TRS-80 to Speak*

Adds the capability of simulated speech, under program control, to your Level-I or II TRS-80 system! (16K RAM preferred). Ideal for computer-assisted instruction — lets TRS-80 direct the user verbally. Built-in speaker, volume control, pilot light. With demo cassette, manual, and cable. 11x30x15 cm.  
269-1180 ..... 499.95



## TRS-80 VOXBOX®

**199<sup>95</sup>**

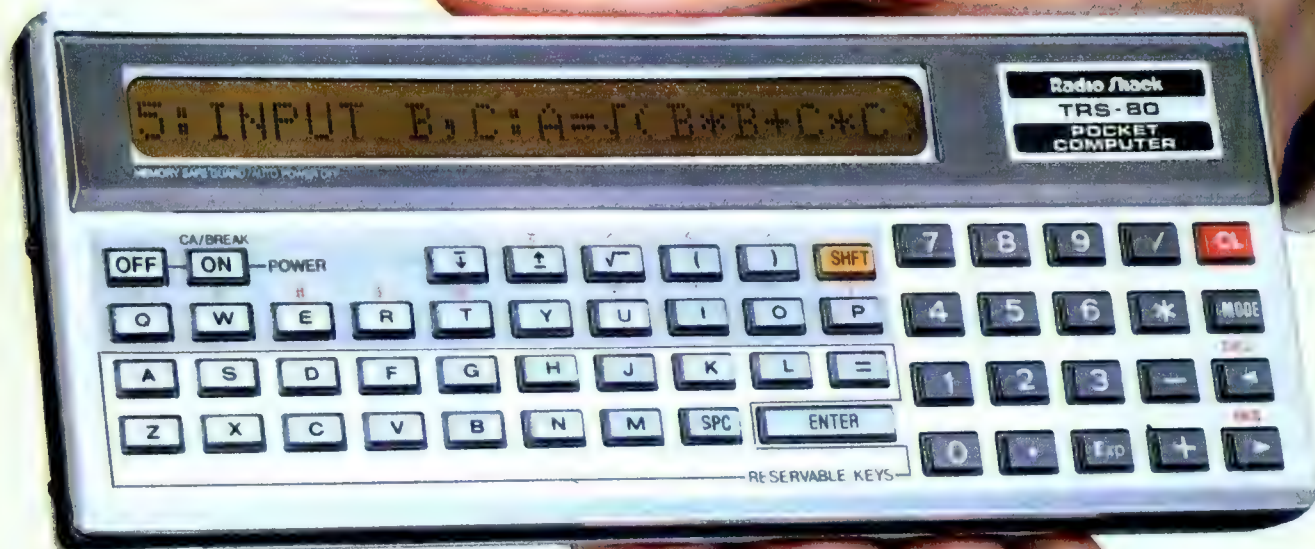
*Lets You Talk to Your TRS-80*

Now you can experiment with computer voice recognition — using the new VOXBOX and your Level-II TRS-80 system. That's right, just speak into the push-to-talk, coiled-cord mike (included) and TRS-80 will respond to spoken commands! Here's your chance to explore this exciting new field. 4.4x20x14 cm. With connecting cable. 269-1181 ..... 199.95





# TRS-80<sup>T.M.</sup> Pocket Computer – Greatest Breakthrough Yet



**This Is Its Actual Size!**  
**Computer Power That Once**  
**Filled a Room Can Now Be**  
**Carried in Your Pocket!**

**NEW  
FOR 81**

- Programs in BASIC
- "QWERTY" Alphabetic Keyboard
- 1.9K Random Access Memory
- Long Battery Life

Only  
**249<sup>00</sup>**



TRS-80 Pocket Computer brings yesterday's science fiction to life at an amazingly low price! Today's advanced technology can always be within your reach to give you the answers you need for fast decision-making! It's easy to load with ready-to-run software from cassette tape (interface and recorder optional), or program it yourself in easy-to-learn BASIC. 24-character liquid crystal readout displays one line at a time. Automatic statement compaction squeezes every ounce of memory space. Computer features power-off retention of programs and data. Powerful resident BASIC language includes multiple statements, math functions, editing, strings, arrays and much more. You'll constantly find new uses for the pocket computer as you make it a part of your lifestyle! Carrying case and batteries included.

**269-3501 ..... 249.00**

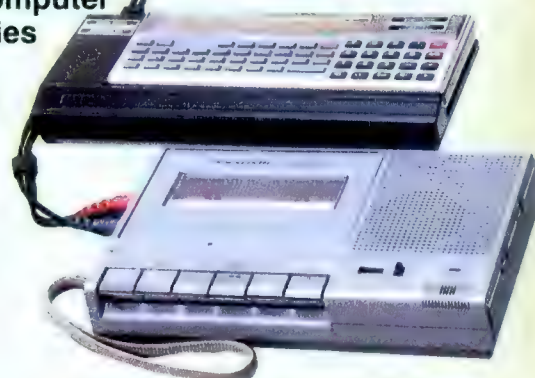
## TRS-80 Pocket Computer Software Tapes

Program	Cat. No.	Each
Real Estate	269-3510	•
Civil Engineering	269-3511	•
Aviation	269-3513	•
Math Drill	269-3514	•
Games I	269-3515	•
Business Statistics	269-3516	•
Business Financial	269-3517	•
Personal Financial	269-3518	•

## Pocket Computer Accessories for Tape Programs

Cassette  
Interface  
**49<sup>00</sup>**

Minisetete-9  
Recorder  
**89<sup>95</sup>**



**Cassette Interface.** Load and save Pocket Computer programs and data on cassette tapes. Modular design interlocks with Pocket Computer. Requires "AA" battery. Works with Minisetete-9 recorder. **269-3503 ..... 49.00**

**Minisetete-9 Recorder.** Fits in a briefcase. See page 36 for details. **14-812 ..... 89.95**

\*Under Development price and availability to be announced

**Tandy — The Biggest Name in Little Computers®**



# Tandy's Library of TRS-80 Model I Software

## Business

Program	Requires	Cat. No.	Each
Cassette Mailing List	II	269-1503	36.95
Scriptit/Cassette	II	269-1505	99.95
Disk Mailing List	Disk	269-1551	69.95
General Ledger I	Disk	269-1552	139.95
Inventory Control	Disk	269-1553	139.95
Accounts Payable	Disk	269-1554	199.95
Accounts Receivable	Disk	269-1555	199.95
Concrete Take-Off	Disk	269-1557	249.95
Business Mailing List	Disk	269-1558	139.95
Manufacturing Inventory Control	Disk	269-1559	249.95
Profile	Disk	269-1562	119.95
Scriptit/Disk	Disk	269-1563	139.95
Microfiles	Disk	269-1565	139.95
Real Estate I	II	269-1571	59.95
Real Estate II	II	269-1572	59.95
Real Estate III	II	269-1573	59.95
Real Estate IV	II	269-1574	59.95
Advanced Statistical Analysis	II, Disk	269-1705	69.95

## Education

Program	Requires	Cat. No.	Each
Math I, Level I	I	269-1701	36.95
Algebra I, Level I	I	269-1702	36.95
BASIC Computer Literacy	II	269-1708	139.95
Show and Spell	II	269-1712	*
Teacher-Aide	II	269-1713	59.95
Advanced Graphics	II	269-1714	*
K-8 Math	II	269-1715	249.95
Level I, Course	I	269-2003	24.95
Level II BASIC Course Part I	II	269-2005	24.95
Level II BASIC Course Part II	II	269-2006	29.95
Disk BASIC Instruction	Disk	269-2007	59.95

## Games

Program	Requires	Cat. No.	Each
Blackjack Level I	I	269-1801	9.95
Quick, Watson	I, II	269-1802	9.95
Level I Games Pack	I	269-1805	29.95
Casino Games Pack	II	269-1806	29.95
Microchess	I, II	269-1901	29.95
Micro Music	I, II	269-1902	14.95
Micro Movie	I, II	269-1903	14.95
Flying Saucer	I, II	269-1905	14.95
Invasion Force	II	269-1906	24.95
Checkers 80	II	269-1907	14.95
Eliza	II	269-1908	24.95
Pyramid	II	269-1909	24.95
Haunted House	II	269-1910	14.95
Dancing Demon	II	269-1911	*
Space Warp	II	269-1912	*
Formula One	II	269-7911	9.95
Bowling	II	269-7912	9.95
Invaders	II	269-7913	9.95

## Languages

Program	Requires	Cat. No.	Each
Tape Editor/Assembler	II	269-2002	59.95
Tiny Pascal Tape	II	269-2009	*
FORTRAN	Disk	269-2201	139.95
Macro Editor/Assembler	Disk	269-2202	139.95

## Personal

Program	Requires	Cat. No.	Each
In-Memory Information	II	269-1502	36.95
Cassette Portfolio	I	269-1506	*
Personal Finance Level I	I	269-1602	27.95
Budget Management	II, Disk	269-1603	29.95
Versafile	Disk	269-1604	59.95
Astrology	II	269-1605	*
Statistical Analysis Level I	I	269-1703	59.95
IQ Builder	I, II	269-1706	59.95
Micro Marquee	I, II	269-1904	9.95

## Utilities

Program	Requires	Cat. No.	Each
Double Precision Subroutines	II	269-1704	14.95
T-Bug	I, II	269-2001	27.95
Renumber	II	269-2004	14.95

### PROGRAM REQUIREMENTS LEGEND:

I = 4K Level I System

II = 16K Level II

Disk = 32K, 2 Disk System



\*Under development price and availability to be announced

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64K, 1-Disk TRS-80 Model II. 269-4002 .....	5999.00
32K Memory Board. 269-4102 .....	699.00
Model II System Cover. 269-4051.....	15.95

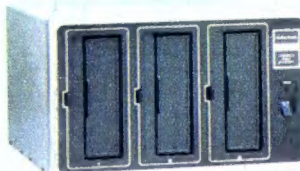
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Program	Cat. No.	Each
General Ledger	269-4501	249.95
Inventory Management	269-4502	249.95
Accounts Receivable	269-4504	349.95
Accounts Payable	269-4505	349.95
Mailing List	269-4506	99.95
Versafile	269-4510	*
Profile II	269-4512	*
Scripsit (Word Processor)	269-4530	*
Accounts Receivable Series I	269-4554	249.95
Accounts Receivable, 3 Disk	269-4604	*
Accounts Payable, 3 Disk	269-4605	*
FORTRAN	269-4701	*
Editor/Assembler	269-4702	*
COBOL	269-4703	*
Compiler BASIC	269-4705	*
Text Editor	269-4710	*

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<sup>o</sup>Software requires a 64K Model II

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Disk Drive Kit. 269-4163 ..	1000.00

8" Blank Diskette. 269-4905 .....	*
8" Diskette 10-Pack. 269-4906 .....	99.95
8" Diskette Envelopes 10-Pack. 269-4907 .....	12.95

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## Model II Printer Stand

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199.00



## Reference Material

Model II Owner's Manual. 269-4920 .....	39.95
Model II Technical/Reference Manual. 269-4921 .....	*



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**Line Printer III.** Designed for heavy business use. Bidirectional 9x7 dot matrix head prints upper and lower case characters as well as numbers at a speedy 120 characters per second! Adjustable line feed increments for accurate printing on pre-printed forms such as cheques. Tractor mechanism will handle any fan-fold computer paper up to 15" wide. An excellent printer at an excellent price.

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**Ribbon Cartridge** 269-1414 ..... 24.95  
**Cable for TRS-80 Model II.** 269-4401 ..... 69.95  
**Line Printer III Cover.** 269-505 ..... 9.95

**Line Printer VI.** A tremendous value, this printer includes many outstanding features! It prints full upper and lower case characters plus graphic characters and special symbols that come in handy. The bidirectional 9x7 printhead operates at 100 characters per second. Uses 4" to 15" fan-fold, roll or single-sheet paper. There's even a complete, built-in character self test. Removable, adjustable forms tractor included.

269-1166. (Available 30/11/80) ..... 1499.00



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Delivers 150 lines per minute on 4.75" wide aluminium-finish paper that's not affected by heat, light or humidity. Uses all Level II line printer commands. Features paper empty light, print select on/off, paper advance, power on/off, pilot light. Requires Level II, Expansion Interface and Printer Cable (listed below) or Level II and Printer Interface Cable. 11x33x27 cm. AC operation.

269-1153 ..... 699.00  
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**Connects Printer to CPU**

Now you can add the Quick Printer or line printers to your TRS-80 system without Expansion Interface. 182cm long.

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**Daisy Wheel II.** High-speed interchangeable character-wheel and carbon multi-strike ribbon give you the results you need for business word-processing use! Select 10 or 12 pitch, or proportional spacing, and print up to 163 characters per 13.6" line at 43 characters per second. A pinchfeed roller takes any paper size from 4" to 14 7/8" fan-fold or single sheets with up to two carbons. 269-1158 ..... 2299.00

**IMPORTANT:** Printers require a cable, not supplied. Ask your nearby Tandy store for the type needed. Some computer equipment may require Special Order



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